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A. B. CONNER, DIRECTOR  
College Station, Texas

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**COMMERCIAL FEEDING STUFFS**

From September 1, 1942, to August 31, 1943

F. D. FULLER AND F. D. BROCK

Division of Feed Control Service



AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS

F. C. BOLTON, Acting President

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This bulletin is the thirty-eighth annual report on the inspection of feeding stuffs sold in Texas under the provisions of the Texas Feed Law. During the year ended August 31, 1943, 3,564 samples were subjected to the regular chemical feed analysis and microscopical examination by the Division of Chemistry, 3,529 of which were secured by inspectors. In addition, sixteen samples of fish liver oils and fortified fish liver oils were assayed for vitamins A and D potency, and fifty-four samples of feed were tested for carotene content. Twenty-eight samples of cottonseed cake were examined for hardness. Four hundred and seventy-four determinations of salt and six hundred and fifteen determinations of carbonate of lime in mixed feeds were also made.

In this bulletin is found the analysis of each sample and a detailed report of the results obtained in the inspection of feeding stuffs from September 1, 1942, to August 31, 1943.

Tables are given showing the average composition, digestible protein, and productive energy of many feeding stuffs analyzed. A table is given showing the average protein content of the cottonseed products made by each oil mill, so that the reader can see which mills maintained the guaranties on the average. Computed from the sale of tax tags, there were 3,328,005 tons of feed sold in the State during the fiscal year covered by this report. This amount represents only the tonnage of feeding stuffs regulated by the Texas Feed Law and does not include whole grains.

Chemical standards for various by-product feeds and special-purpose mixed feeds are shown, and definitions of and standards for chemical unmixed feeds are given, together with additional information on the requirements of the Texas Feed Law and the composition of feeding stuffs.

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## Commercial Feeding Stuff, September 1, 1942, to August 31, 1943\*

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This Bulletin is a report on the work performed by the Texas Agricultural Experiment Station in the inspection of feeding stuffs sold in Texas during the year ended August 31, 1943. It includes additional information on the requirements of the Texas Feed Law and the composition of feeding stuffs.

### DEFINITIONS OF TERMS

Protein includes all the nitrogenous compounds of a feed, regardless of their nature and is equal to the nitrogen present multiplied by 6.25. The animal uses protein to restore the waste of tissues and muscles, and to form flesh. Protein may also be oxidized in the body to produce heat, or it may serve as a source of fat in case of a deficiency in carbohydrates and fat, accompanied by an excess of protein. It is, however, a costly source of heat and fat.

Protein enters very largely into the composition of the whites of eggs, lean meat, curd of milk, gelatin, etc. It is used for the building and repair of body tissue, for new growth, in the production of milk or eggs and, therefore, is a necessary ingredient for the feeder to purchase. It is an important nutrient in feeding stuffs and usually is the most expensive to purchase. With a given feeding stuff, the more protein it contains the better its quality, compared with other feeding stuffs of the same class. It is incorrect, however, to compare the value of feeding stuffs of different kinds on a protein basis alone. For example, a cottonseed meal containing 45 per cent of crude protein does not have five times the value of corn chop containing 9 per cent of crude protein. There are other constituents of both feeds, such as fats, starches, and sugars, which are of great value to animals. Corn chop contains more carbohydrates than does cottonseed meal.

Fat is composed of substances which are extracted from the dry feeding stuffs by ether, and consists chiefly of fats and oils in the case of most feeding stuffs, but in the case of fodders and hays it is composed to a great extent of waxes, chlorophyll, and other substances in addition to fat. A pound of digestible fat is equal to 2.25 pounds of digestible carbohydrates in producing heat and energy. Fat is used in the animal body as a source of body fat, to furnish heat to keep the body warm, to furnish energy to run the animal mechanism and to produce work. All muscular movements require energy, which is furnished by the oxidation of fats, carbohydrates, or protein.

\*Manuscript submitted for publication on October 14, 1943.

†With the collaboration of the other members of the Division Staff. The chemical analyses and microscopical examination of feeding stuffs are made by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

**Fiber** is found in hays, straw, and similar material. It occurs in the cell walls and in the fibrous or woody parts of plants. It is the least digestible portion of a feed. By means of fermentation in the intestines fiber is digested to some extent by animals that chew the cud. The operation, however, consumes so much energy that a large proportion of the value of the fiber is taken up by the process of digestion. Ordinarily a feeding stuff having a high content of crude fiber is classed as a low-grade feed for the reason that such a feed usually is low in digestible protein and productive energy. Cottonseed hulls, oat hulls, peanut hulls, rice hulls, corn cobs, and materials of a similar nature contain high percentages of crude fiber. If sufficient bulky materials are available, such as hays, fodders, or grass, it is unwise for the feeder to expend money for the purchase of commercial feeding stuff containing large amounts of crude fiber, a constituent that is digested with difficulty.

If the crude fiber in cottonseed meal exceeds certain limits, it indicates that the feed is adulterated with cottonseed hulls. In a similar way, crude fiber in excess of a given standard indicates the presence of corn cobs or corn bran in corn chop, rice hulls in rice bran, etc.

**Nitrogen-free Extract** includes starches, sugars, gums, and other bodies of a similar nature. These, together with the fat, are oxidized to maintain the animal heat and to furnish energy for the production of work. The nitrogen-free extract of most feeding stuffs of a concentrated nature is composed largely of sugars and starches, which are readily digested.

**Moisture** is present in all feeding stuffs. The material may seem to be dry, but nevertheless, it contains an appreciable amount of water. An excess of water may cause the feed to heat or spoil, if stored under such conditions that the feed cannot dry out quickly enough.

**Ash** is the residue from a feeding stuff that has been burned. The ash consists chiefly of lime, magnesia, soda, and potash combined with chlorine and carbonic, sulphuric, or phosphoric acid which is derived from the soil. Constituents of ash are necessary to the animals inasmuch as they are used for the formation of bone, for constituents of the blood, and for other purposes. If the various necessary constituents of the ash are not present in sufficient quantity, the animal may not grow or produce as well as it should, or it may suffer from various diseases. Sometimes it is necessary to supplement the ash naturally present in feeds with additional amounts. Calcium and phosphorus are the constituents most often deficient. An excessive amount of ash in the feed may indicate adulteration with dirt, sand, or other mineral matter.

#### AVERAGE COMPOSITION OF FEEDING STUFFS ANALYZED

Table 1 shows the average composition of many feeding stuffs analyzed during the past year. The analyses of mixed and of proprietary feeds are not included in this table.



Table 1. Average Composition of Feeding Stuffs Analyzed During the Year 1942-1943

No. of Samples	Name of Feed	Crude Protein, Per Cent	Crude Fat, Per Cent	Crude Fiber, Per Cent	Nitrogen-free Extract, Per Cent	Moisture, Per Cent	Crude Ash, Per Cent
16	Alfalfa Leaf Meal.....	18.29	2.69	23.44	38.33	6.64	10.61
30	Alfalfa Meal.....	15.86	1.79	27.84	36.00	5.67	9.84
2	Alfalfa Stem Meal.....	9.85	1.05	43.85	29.87	8.93	6.45
1	22% Protein Babassu Oil Meal.....	23.00	6.54	11.38	46.77	7.12	5.19
5	Whole Barley (Chopped, Ground, Rolled, and Crimped).....	13.16	2.08	5.94	65.39	10.15	3.28
1	Beet Pulp, Dried.....	8.89	0.30	20.84	56.03	10.67	3.27
3	Brewers' Dried Grains.....	23.79	5.94	16.10	42.31	8.15	3.71
7	Buttermilk, Dried.....	32.42	6.94	0.31	39.00	9.25	12.08
3	Citrus Pulp, Dried.....	5.29	2.58	10.64	62.15	11.67	7.67
3	Corn Bran.....	11.48	8.52	4.72	61.50	10.78	3.00
2	Corn Chop.....	10.08	4.20	2.48	71.19	10.42	1.63
10	Corn Gluten Feed.....	25.55	2.71	7.67	48.64	9.08	6.35
1	Corn Grits.....	9.87	2.85	1.55	72.78	11.90	1.05
3	Corn Meal.....	9.52	3.80	2.25	68.07	13.99	2.37
16	Ear Corn Chop with Husk.....	7.86	2.97	10.88	65.10	10.47	2.72
4	Corn Oil Meal.....	22.56	6.37	9.75	49.16	9.38	2.78
131	43% Protein Cottonseed Cake, Cubes, and Pellets.....	42.60	5.96	10.63	27.32	7.66	5.83
7	41.12% Protein Ground Cottonseed Feed.....	42.03	5.84	10.21	27.66	7.89	6.37
8	41% Protein Cottonseed Cake, Cubes, and Pellets.....	41.09	5.87	11.75	27.95	7.43	5.91
366	43% Protein Cottonseed Meal.....	42.76	6.34	10.36	27.26	7.38	5.90
50	41% Protein Cottonseed Meal.....	41.20	6.03	11.17	27.71	7.64	6.25
1	32% Protein Cottonseed Meal Screenings.....	33.86	4.08	17.05	32.42	7.11	5.48
3	30% Protein Ground Whole-Pressed Cot- tonseed.....	27.26	6.16	23.68	31.74	6.61	4.55
21	28% Protein Whole-Pressed Cottonseed.....	28.30	6.19	22.33	31.97	6.45	4.76
7	28% Protein Ground Whole-Pressed Cot- tonseed.....	28.07	4.84	21.65	33.90	6.39	5.15
1	65% Protein Fish Meal.....	64.02	7.79	0.55	3.03	7.43	17.18
3	60% Protein Fish Meal.....	59.73	7.42	0.65	1.38	7.60	23.22
12	Hominy Feed.....	11.60	7.38	6.00	61.39	10.60	3.03
2	Kafir Chop.....	10.45	2.38	2.24	72.09	11.23	1.61
1	Kafir Head Chop.....	8.26	2.84	6.54	70.30	7.83	4.23
1	37% Protein Linseed Meal.....	37.48	10.65	7.25	33.66	5.60	5.36
1	34% Protein Linseed Cake.....	36.02	6.85	8.42	34.99	8.44	5.28
9	34% Protein Linseed Meal.....	35.78	5.95	8.84	34.61	9.22	5.60
2	32% Protein Linseed Meal.....	32.34	11.35	8.63	34.39	7.61	5.68
2	60% Protein Meat Scraps.....	60.67	8.62	1.25	0.09	7.23	22.14
2	55% Protein Meat Scraps.....	55.86	8.36	1.55	0.28	6.56	27.39
3	55% Protein Meat and Bone Scraps.....	60.32	8.02	2.89	2.73	7.29	18.75
59	50% Protein Meat and Bone Scraps.....	51.00	9.55	1.95	1.85	6.18	29.47
10	48% Protein Meat and Bone Scraps.....	47.30	12.31	2.03	0.83	6.67	30.86
5	45% Protein Meat and Bone Scraps.....	45.50	10.32	2.56	5.33	6.58	29.71
2	Milk, Dried Skimmed.....	34.57	0.65	0.18	50.80	6.06	7.74
11	Milo Chop.....	11.58	2.86	3.08	68.96	11.23	2.29
7	Milo Head Chop.....	9.65	2.30	7.02	66.73	9.97	4.33
1	Oat Groats (Ground, Rolled).....	16.35	6.65	1.98	61.96	11.11	1.95
1	Feeding Oat Meal.....	15.00	4.81	2.73	62.07	11.45	3.94
1	Feeding Rolled Oats.....	15.84	6.25	1.50	64.06	10.46	1.89
22	Whole Oats (Chopped, Crimped, Ground, Rolled).....	12.61	3.73	9.99	59.38	10.35	3.94
1	Oat Shorts and Oat Screenings.....	13.35	12.42	2.68	61.53	7.98	2.04
1	36% Protein Ground Peanut Feed.....	39.10	12.05	15.79	21.40	6.58	5.08
1	Ground Peanut Hay.....	11.10	5.38	23.74	44.43	9.92	9.43
3	43% Protein Peanut Cake, Cubes, and Pel- lets.....	37.99	13.03	12.25	23.16	5.43	8.14
15	45% Protein Peanut Meal.....	44.35	7.58	16.39	20.05	7.14	4.49
35	43% Protein Peanut Meal.....	43.18	7.53	13.83	23.06	7.02	5.38
1	Ground Peanut Screenings.....	13.11	9.26	24.38	35.53	7.68	10.04
1	36% Protein Flaked Peanut Feed.....	44.07	11.70	6.77	27.10	4.96	5.40
1	36% Protein Ground Whole-Pressed Pea- nuts.....	36.41	8.67	25.49	19.40	5.77	4.26
1	34% Protein Ground Whole-Pressed Pea- nuts.....	33.45	9.58	25.74	21.57	5.59	4.07



Table 1. Average Composition of Feeding Stuffs Analyzed During the Year 1942-1943  
Continued

No. of Samples	Name of Feed	Crude Protein, Per Cent	Crude Fat, Per Cent	Crude Fiber, Per Cent	Nitrogen-free Extract, Per Cent	Moisture, Per Cent	Crude Ash, Per Cent
4	25% Protein Whole-Pressed Peanut Screenings.....	27.65	10.39	20.97	28.71	5.50	6.78
15	Rice Bran.....	12.04	14.41	13.72	36.52	8.60	14.71
6	Rice Polishings.....	13.37	13.69	2.88	51.03	10.56	8.47
5	Rye Chop.....	12.98	1.68	2.39	69.68	11.26	2.01
1	68% Protein Sardine Meal.....	65.73	3.40	0.43	4.51	7.16	18.77
1	67% Protein Sardine Meal.....	71.09	4.17	0.20	4.66	8.04	11.84
2	65% Protein Sardine Meal.....	64.76	3.25	0.19	5.44	8.28	18.08
1	44% Protein Sesame Oil Meal.....	45.30	10.95	5.90	21.22	6.05	10.58
1	43% Protein Sesame Oil Meal.....	43.92	9.51	5.50	22.21	7.16	11.70
1	45% Protein Soybean Oil Meal.....	46.50	6.08	5.96	27.52	7.99	5.95
1	44% Protein Soybean Oil Meal.....	47.49	0.64	5.80	30.14	10.07	5.86
3	43% Protein Soybean Oil Meal.....	43.69	5.79	5.50	29.56	9.26	6.20
13	41% Protein Soybean Oil Cake, Cubes, and Pellets.....	44.37	5.63	5.52	29.71	8.16	6.61
101	41% Protein Soybean Oil Meal.....	44.86	5.64	5.66	28.93	8.65	6.26
4	60% Protein Digester Tankage.....	61.67	7.54	2.17	1.16	8.17	19.29
1	60% Protein Meat Meal Digester Tankage.....	56.08	9.18	1.26	0.87	9.05	23.56
1	50% Protein Digester Tankage with Bone.....	50.81	14.36	1.08	1.53	6.60	25.62
12	Wheat (Chopped, Ground).....	15.12	1.97	3.07	66.10	11.27	2.47
3	Ground Wheat and Screenings.....	14.74	1.77	3.92	64.35	10.89	4.33
6	Wheat Bran.....	17.38	4.21	9.78	51.39	10.88	6.36
2	Wheat Bran and Scourings.....	16.45	3.93	8.97	54.54	9.94	6.17
20	Wheat Bran and Screenings.....	16.94	4.20	9.36	53.70	9.67	6.13
3	Wheat Brown Shorts.....	16.38	4.27	7.11	56.64	11.28	4.32
5	Wheat Brown Shorts and Screenings.....	16.30	3.81	6.56	57.19	11.83	4.31
21	Wheat Gray Shorts.....	16.79	4.06	6.03	58.07	10.99	4.06
131	Wheat Gray Shorts and Screenings.....	17.30	3.93	5.69	57.49	11.51	4.08
1	Wheat Mixed Feed.....	16.39	3.51	7.47	55.43	12.01	5.19
5	Wheat Mixed Feed and Screenings.....	16.56	3.92	7.62	56.17	10.66	5.07
2	Dried Whey.....	12.85	0.69	0.15	68.90	7.79	9.62

### DIGESTIBLE PROTEIN AND PRODUCTIVE ENERGY OF FEEDS

The digestible protein represents that portion of the feed which can be used for the repair or formation of flesh or nitrogenous body constituents or for the formation of nitrogenous materials in milk or eggs. The productive energy represents that portion of the feed which is available for the purpose of furnishing heat to the animal or energy for life processes and work; it also furnishes material for the production of the constituents of milk, eggs, or fat. The productive energy represents the net value of the feed for energy after all losses involved in digestion and assimilation have been allowed for. The digestible protein and productive energy, therefore, are the two best indicators of the productive value of a feed.

The digestible protein and productive energy of feeds of the average composition shown in Table 1 are given in Table 2. The method of obtaining these figures is described fully in Bulletins Nos. 329, 372, 402, 436, and 461 of this Station.

Table 2. Digestible Protein and Productive Energy of Feeds Calculated from Average Analysis Shown in Table 1\*

Name of Feed	Number Averaged	Digestible Protein Per Cent	Productive Energy, Therms in 100 lbs.
Alfalfa Leaf Meal.....	16	13.6	48.7
Alfalfa Meal.....	30	11.8	42.0
Alfalfa Stem Meal.....	2	6.8	30.5
22% Protein Babassu Oil Meal.....	1	20.1	84.5
Whole Barley (Chopped, Ground, Rolled, and Crimped).....	5	10.5	74.2
Beet Pulp, Dried.....	1	4.4	71.5
Brewers' Dried Grains.....	3	19.2	48.5
Buttermilk, Dried.....	7	30.5	87.7
Citrus Pulp, Dried.....	3	4.2	70.9
Corn Bran.....	3	6.1	61.0
Corn Chop.....	2	6.5	86.5
Corn Gluten Feed.....	10	22.4	68.5
Corn Grits.....	1	6.3	84.3
Corn Meal.....	3	6.1	82.1
Ear Corn Chop with Husk.....	16	4.7	70.4
Corn Oil Meal.....	4	14.5	77.3
43% Protein Cottonseed Cake, Cubes, and Pellets.....	131	36.0	66.0
41.12% Protein Ground Cottonseed Feed.....	7	35.5	69.7
41% Protein Cottonseed Cake, Cubes, and Pellets.....	8	34.7	69.2
43% Protein Cottonseed Meal.....	366	36.1	71.3
41% Protein Cottonseed Meal.....	50	34.8	69.5
32% Protein Cottonseed Meal Screenings.....	1	28.3	54.3
30% Protein Ground Whole-Pressed Cottonseed.....	3	21.8	54.3
28% Protein Whole-Pressed Cottonseed.....	21	22.7	54.8
28% Protein Ground Whole-Pressed Cottonseed.....	7	22.5	55.9
65% Protein Fish Meal.....	1	48.1	69.0
60% Protein Fish Meal.....	3	44.9	64.8
Hominy Feed.....	12	7.9	84.4
Kafir Chop.....	2	8.0	85.2
Kafir Head Chop.....	1	5.7	76.7
37% Protein Linseed Meal.....	1	31.4	86.8
34% Protein Linseed Cake.....	1	30.2	77.5
34% Protein Linseed Meal.....	9	30.0	74.9
32% Protein Linseed Meal.....	2	27.1	84.7
60% Protein Meat Scraps.....	2	59.9	83.2
55% Protein Meat Scraps.....	2	55.2	77.7
55% Protein Meat and Bone Scraps.....	3	59.6	81.3
50% Protein Meat and Bone Scraps.....	59	50.4	25.9
48% Protein Meat and Bone Scraps.....	10	46.7	79.3
45% Protein Meat and Bone Scraps.....	5	45.0	72.4
Milk, Dried Skimmed.....	2	35.5	85.3
Milo Chop.....	11	7.3	85.2
Milo Head Chop.....	7	6.3	76.4
Oat Groats (Ground, and Rolled).....	1	14.8	97.4
Feeding Oat Meal.....	1	13.5	92.4
Feeding Rolled Oats.....	1	14.3	98.1
Whole Oats (Chopped, Crimped, Ground, and Rolled).....	22	10.0	70.8
Oat Shorts and Oat Screenings.....	1	11.8	107.8
36% Protein Ground Peanut Feed.....	1	31.6	86.7
Ground Peanut Hay.....	1	7.2	85.5
43% Protein Peanut Cake, Cubes, and Pellets.....	3	33.7	88.1
45% Protein Peanut Meal.....	15	39.4	77.8
43% Protein Peanut Meal.....	35	34.9	79.3
Ground Peanut Screenings.....	1	10.6	44.0
36% Protein Flaked Peanut Feed.....	1	35.6	66.4
36% Protein Ground Whole-Pressed Peanuts.....	1	29.4	47.1
34% Protein Ground Whole-Pressed Peanuts.....	1	27.0	47.1
25% Protein Whole-Pressed Peanut Screenings.....	4	22.3	46.5
Rice Bran.....	15	8.3	65.7
Rice Polishings.....	6	9.5	91.1
Rye Chop.....	5	11.0	82.1
68% Protein Sardine Meal.....	1	49.4	59.0
67% Protein Sardine Meal.....	1	53.4	65.0
65% Protein Sardine Meal.....	2	48.6	57.8
44% Protein Sesame Oil Meal.....	1	41.2	65.9
43% Protein Sesame Oil Meal.....	1	39.9	62.6

\*Calculated by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

**Table 2. Digestible Protein and Productive Energy of Feeds Calculated from Average Analysis shown in Table 1\*—Continued**

Name of Feed	Number Averaged	Digestible Protein Per Cent	Productive Energy, Therms in 100 lbs.
45% Protein Soybean Oil Meal.....	1	38.8	79.5
44% Protein Soybean Oil Meal.....	1	33.8	71.3
43% Protein Soybean Oil Meal.....	3	36.4	78.4
41% Protein Soybean Oil Cake, Cubes, and Pellets.....	13	37.0	78.8
41% Protein Soybean Oil Meal.....	101	37.4	78.5
60% Protein Digester Tankage.....	4	42.9	63.0
60% Protein Meat Meal Digester Tankage.....	1	39.0	61.8
50% Protein Digester Tankage with Bone.....	1	35.3	70.7
Wheat (Chopped, Ground).....	12	12.3	81.3
Ground Wheat and Screenings.....	3	10.3	59.9
Wheat Bran.....	6	13.6	55.3
Wheat Bran and Scourings.....	2	12.9	56.2
Wheat Bran and Screenings.....	20	13.3	56.5
Wheat Brown Shorts.....	3	13.5	63.0
Wheat Brown Shorts and Screenings.....	5	13.4	62.5
Wheat Gray Shorts.....	21	14.1	75.3
Wheat Gray Shorts and Screenings.....	131	14.6	74.9
Wheat Mixed Feed.....	1	13.1	58.9
Wheat Mixed Feed and Screenings.....	5	13.3	60.2
Dried Whey.....	3	12.1	82.9

\*Calculated by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

### ESTIMATED TONNAGE OF FEEDING STUFFS SOLD IN TEXAS 1906-1943

Table 3 shows the estimated tonnage of feed sold in Texas yearly during the past thirty-seven years as computed from the sale of tax tags, assuming that all the tags sold during the period covered by this report are used for feeds sold during that period. It is impossible to give complete data on the number of tons of the various classes of feeds sold for consumption in Texas, owing to the fact that some manufacturers purchase blank tax tags and print on the tags, at their places of business, the information required by the Texas Feed Law. In connection with this table, attention should be called to the fact that the figures given represent only the tonnage of commercial feeding stuffs regulated by the Texas Feed Law and do not include whole grains.

Table 3. Estimated Tonnage of Feeding Stuffs Sold in Texas, 1906-1943

Years	Tons
1906-1907	485,805
1907-1908	511,661
1908-1909	532,792
1909-1910	755,488
1910-1911	820,277
1911-1912	972,340
1912-1913	680,259
1913-1914	847,716
1914-1915	881,136
1915-1916	778,137
1916-1917	974,608
1917-1918	1,155,055
1918-1919	945,864
1919-1920	754,349
1920-1921	762,769
1921-1922	735,319
1922-1923	932,473
1923-1924	1,009,047
1924-1925	1,015,742
1925-1926	1,119,561
1926-1927	1,181,538
1927-1928	1,226,882
1928-1929	1,370,120
1929-1930	1,434,966
1930-1931	1,112,302
1931-1932	1,093,307
1932-1933	1,057,533
1933-1934	1,235,172
1934-1935	1,298,743
1935-1936	1,210,790
1936-1937	1,443,552
1937-1938	1,542,833
1938-1939	1,697,189
1939-1940	1,705,552
1940-1941	1,814,092
1941-1942	2,268,539
1942-1943	3,328,005

## ASSAYS OF FISH LIVER OILS AND FORTIFIED FISH LIVER OILS

Labels attached to containers of fish liver oils and fortified fish liver oils sold in Texas give the following information:

Statement of net weight or quantity.

Name of product.

Vitamin D potency: Guaranteed not less than (?) A.O.A.C.  
chick units of vitamin D per gram.

Vitamin A potency: Guaranteed not less than (?) U.S.P.  
units of vitamin A per gram.

Name and address of manufacturer or importer.

During the past year sixteen samples of these fish liver oils have been examined and Tables 4 and 5 show the results obtained in the biological assays of these samples, as made by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief. All products found below manufacturers' guaranties by initial tests were re-assayed at later dates.

## CAROTENE IN FEEDS

Vitamin A potency in feeds may be supplied by vitamin A as such, which occurs as a colorless compound in fish oils, by carotene, which occurs as a yellow compound in alfalfa products and other green feeds, or by cryptoxanthin and carotene, which occur in yellow corn. The most important sources of vitamin A potency are carotene in green colored feeds and cryptoxanthin and carotene in yellow corn. To the feeder of livestock, a vitamin A deficiency means less gain in weight per pound of feed, more sick animals, greater mortality, and a lower grade of finished product. This results, of course, in a lower profit, or even a loss. Dairy cattle, sheep, and beef cattle secure most of their needed carotene from green plants or roughages, but poultry and hogs, if they do not have access to green feed, are dependent on the feed furnished them. It is

Table 4. Assays of Fish Liver Oils and Fortified Fish Liver Oils for Vitamin D

Name and Address of Manufacturer or Importer. Brand Name.	Minimum Guaranty A. O. A. C. Chick Units of Vitamin D Per Gram	Did Sample Conform to Guaranty?	Registration or Inspection Number
<b>California Packing Corporation,</b> San Francisco, California.			
Biotol-85 Biologically Tested Sardine Oil .....	85	Yes	187M
Biotol-400 Special Grade Sardine Oil with Added Natural Fish Liver Oils .....	400	Yes	186M
<b>Dawe's Products Company,</b> Denver, Colorado.			
85 D Sardine Oil .....	85	No	227S
<b>Farallone Packing Company,</b> Division of the Borden Company, San Francisco, California.			
Farallone Brand Sardine Oil .....	400	Yes	185M
<b>National Oil Products Company, Inc.,</b> Harrison, New Jersey.			
Nopco-XX Brand Cod Liver Oil .....	400	Passed	181H
Nopco 85 .....	85	Yes	184H
Nopco-X Brand Vitamin A and D Feeding Oil ..	400	Yes	237K
Nopco-X Brand Vitamin A and D Feeding Oil ..	400	No	204S
<b>Silmo Chemical Corporation,</b> Vineland, New Jersey.			
Vit-D-400 .....	400	Yes	180H
Vit-D-100 .....	100	Yes	179D
<b>Thompson-Hayward Chemical Company,</b> Kansas City, Missouri.			
Regular FeedOil Brand 85 D Feeding Oil .....	85	Yes	183H
Regular FeedOil Brand 85 D Feeding Oil .....	85	Yes	299K
FeedOil A and D Feeding Oil .....	400	No	294K
FeedOil A and D Feeding Oil .....	400	Yes	188M
<b>Vitamins, Inc.,</b> Chicago, Illinois.			
Sardine Oil .....	400	No	247S
<b>White Laboratories, Inc.,</b> Newark, New Jersey.			
Clo-Trate "400" Vitamin A and D Feeding Oil ..	400	Yes	232K



Table 5. Assays of Fish Liver Oils and Fortified Fish Liver Oils for Vitamin A

Name and Address of Manufacturer or Importer. Brand Name.	Minimum Guaranty U. S. P. Units of Vitamin A per Gram	Did Sample Conform to Guaranty?	Registration or Inspection Number
California Packing Corporation, San Francisco, California. Biotol-400 Special Grade Sardine Oil with Added Natural Fish Liver Oils.....	1000	No	186M
Dawe's Products Company, Denver, Colorado, 85 D Sardine Oil.....	200	Yes	227S
Farallone Packing Company, Division of the Borden Company, San Francisco, California. Farallone Brand Sardine Oil.....	3000	No	185M
National Oil Products Company, Inc., Harrison, New Jersey. Nopco-XX Brand Cod Liver Oil.....	3000	No	181H
Nopco-X Brand Vitamin A and D Feeding Oil.....	1000	Yes	237K
Nopco-X Brand Vitamin A and D Feeding Oil.....	1000	No	204S
Thompson-Hayward Chemical Company, Kansas City, Missouri. FeeDoil A and D Feeding Oil.....	1000	Passed	294K
FeeDoil A and D Feeding Oil.....	1000	No	188M
Vitamins, Inc., Chicago, Illinois. Sardine Oil.....	3000	No	247S
White Laboratories, Inc., Newark, New Jersey. Clo-Trate "400" Vitamin A and D Feeding Oil.....	1500	No	232K

important, therefore, to know what commercial feeds are high in carotene and what feeds are deficient.

During the past year an investigation of the carotene content of a few feeds on the Texas market has been continued under the direction of Dr. G. S. Fraps, Chief, Division of Chemistry, and the results are shown in Table 6. Wide differences are seen in the carotene content of the feed studied.



Table 6. Carotene in Feeds

Name and Address of Manufacturer or Importer. Brand Name.	Parts Pure Carotene per Million	Registration or Inspection Number
Alva Roller Mills, Alva, Oklahoma. Wheat Gray Shorts and Screenings .....	0.22	565K
Arizona Flour Mills Company, Phoenix, Arizona. Dehydrated Alfalfa Leaf Meal .....	204.0	225S
Bishop Milling Company, Bishop, Texas. Velvet Brand 43% Protein Sesame Oil Meal .....	0.4	161H
Bohannon, W. L., Frederick, Oklahoma. Alfalfa Meal .....	1.8	259T
Caney Valley Cooperative Drying Association, Wharton, Texas. Dehydrated Alfalfa Leaf Meal .....	114.0	83M
Dehydrated Alfalfa Leaf Meal .....	142.0	406M
Dehydrated Alfalfa Leaf Meal .....	79.0	433M
Dehydrated Alfalfa Leaf Meal .....	40.0	447M
Carrollton Feed Mills, Carrollton, Texas. Alfalfa Meal .....	4.2	153T
Alfalfa Meal .....	2.3	260T
Childress Cotton Oil Mill, Inc., Childress, Texas. Safflower Oil Meal and Soybean Oil Meal .....	0.25	1122M
Dawe's Vitamelk Company, Chicago, Illinois. D. V. Base .....	0.6	54W
Denver Alfalfa Milling & Products Company, The, Lamar, Colorado. Alfalfa Meal .....	13.5	558K
Alfalfa Meal .....	8.0	67T
Alfalfa Meal .....	8.4	70T
Alfalfa Stem Meal .....	2.2	463K
Alfalfa Stem Meal .....	3.0	379M
Dehydrated Alfalfa Leaf Meal .....	84.0	21K
Dungan Grain & Feed Company, McKinney, Texas. Alfalfa Meal .....	3.5	137T
East Texas Cotton Oil Company, Palestine, Texas. 43% Protein Peanut Meal .....	0.18	516J
Elk Valley Alfalfa Mills, Inc., Independence, Kansas. 20% Protein Dehydrated Alfalfa Meal .....	120.0	483M
E-V No. 2 Finely Ground Alfalfa Meal .....	12.5	171M
E-V No. 2 Finely Ground Alfalfa Meal .....	10.0	45T
Farmers Elevator and Storage Company, Hamilton, Texas. Alfalfa Meal .....	2.5	69W
Farmersville Grain Company, Farmersville, Texas. Saf-Tee Brand Chick Starter Mash .....	2.05	506J
Jackson County Cotton Oil Company, Ganado, Texas. Jaco 32% Protein Linseed Meal .....	0.43	510M

Table 6. Carotene in Feeds—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Parts Pure Carotene per Million	Registration or Inspection Number
Juarez Mercantile Company, El Paso, Texas. Corn Gluten Feed .....	0.48	548S
Magnolia Provision Company, Houston, Texas. 22% Protein Babassu Oil Meal .....	0.10	520M
Martin-Lane Company, Vernon, Texas. Alfalfa Meal .....	34.0	544S
Alfalfa Meal .....	7.4	87T
Mitchell Seed and Grain Company, Roswell, New Mexico. Alfalfa Meal .....	10.0	397K
Morameal Milling Company, Inc., Elm Grove, Louisiana. Dehydrated Alfalfa Leaf Meal .....	104.0	441J
Mueller-Huber Grain Company, San Antonio, Texas. Alfalfa Meal .....	8.2	170M
Pecos Valley Alfalfa Mill Company, Chandler, Arizona. Peevee Alfalfa Leaf Meal .....	72.8	564K
15% Protein Alfalfa Meal .....	38.4	569K
15% Protein Alfalfa Meal .....	40.4	542S
Pecos Valley Alfalfa Mill Company, Hagerman, New Mexico. Alfalfa Meal .....	17.3	2K
Alfalfa Meal .....	5.0	77T
Velvet Brand Alfalfa Meal .....	29.0	202K
Peevee Alfalfa Leaf Meal .....	137.0	487K
Peevee Alfalfa Leaf Meal .....	63.0	182M
Pillsbury Feed Mills, Division Pillsbury Flour Mills Company, Clinton, Iowa. Pillsbury's Best Growing Mash .....	0.70	526S
Ross-Hicks Grain Company, Fort Worth, Texas. Ground Peanut Hay and Cane Molasses .....	7.6	107T
Saunders Mill, Inc., Toledo, Ohio. Alfalfa Leaf Meal .....	13.2	225T
Schier Bros., Sealy, Texas. Alfalfa Meal .....	7.2	114M
Schuster Commission Company, El Paso, Texas. Wheat Gray Shorts .....	0.19	547S
Staley Manufacturing Company, A. E., Decatur, Illinois. Staley's Corn Gluten Feed .....	3.6	359T
Staley's Corn Oil Meal .....	0.40	360T
Stanard-Tilton Division, Russell-Miller Milling Company, Dallas, Texas. Wheat Gray Shorts .....	0.17	508M

Table 6. Carotene in Feeds—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Parts Pure Carotene per Million	Registration or Inspection Number
Stubbs-Young Grain & Seed Company, Lubbock, Texas. Alfalfa Meal.....	3.9	291K
Tremaine Alfalfa Milling Company, Mesa, Arizona. Tremaine Brand Alfalfa Meal.....	16.0	92T
Waldo Alfalfa Milling Company, Inc., Bryan, Texas. Waldo Dehydrated Alfalfa Leaf Meal.....	120.0	537S
Waldo Alfalfa Milling Company, Inc., El Reno, Oklahoma. Waldo Dehydrated Alfalfa Leaf Meal..... Waldo Medium Ground Alfalfa Meal.....	39.4 29.0	5A 54M

## HARDNESS OF COTTONSEED CAKE

The force required to crush cottonseed cake between flat surfaces has been adopted as the best method of testing cake to ascertain its hardness. Tentatively, cracked cake with a crushing strength of 400 pounds or less is classed as soft; cake with a crushing strength of 401 to 1,500 pounds is classed as medium hard; cake with a crushing strength of 1,501 to 2,500 pounds is classed as hard, and that with a crushing strength of over 2,500 pounds is classed as very hard. This classification refers to the nut-size cottonseed cake, cubes, and pellets as sold for feeding purposes.

During the past year twenty-eight samples have been tested for hardness by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief, and the results appear in Table 7.

Table 7—Hardness of Cottonseed Cake

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength—Lbs.				Inspection Number
	Soft 0-400	Medium Hard 401-1500	Hard 1501-2500	Very Hard Above 2500	
Brenham Cotton Oil & Manufacturing Company, Brenham, Texas. 43% Protein Nut-Size Cottonseed Cake.....	.....	1258	.....	.....	2-M-Special
Cameron Cotton Oil Company, Cameron, Texas. 43% Protein Cottonseed Cake.....	.....	1349	.....	.....	4-W-Special
Childress Cotton Oil Mill, Inc., Childress, Texas. 43% Protein Cottonseed Cubes.....	307	.....	.....	.....	2-K-Special
Coleman Cotton Oil Mill, Coleman, Texas. 43% Protein Cottonseed Cake.....	.....	1449	.....	.....	4-S-Special
Collin County Cotton Oil Company, McKinney, Texas. 43% Protein Cottonseed Cake.....	.....	1367	.....	.....	1-T-Special

Table 7. Hardness of Cottonseed Cake—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength—Lbs.				Inspection Number
	Soft 0-400	Medium Hard 401-1500	Hard 1501-2500	Very Hard Above 2500	
Cooper Cotton Oil Company, Cooper, Texas. 43% Protein Cottonseed Cake.....	.....	518	.....	.....	1-J-Special
Corpus Christi Cotton Oil Mill, Corpus Christi, Texas. 43% Protein Nut-Size Cottonseed Cake.....	.....	.....	1746	.....	4-H-Special
Cuero Cotton Oil & Manufactur- ing Company, Cuero, Texas. 43% Protein Cracked Cottonseed Cake.....	.....	770	.....	.....	2-H-Special
East Texas Cotton Oil Company, Kaufman, Texas. 43% Protein Cottonseed Cake.....	.....	1246	.....	.....	4-J-Special
Elk Cotton Oil Co., Elk City, Oklahoma. Elk Brand 43% Protein Cottonseed Pellets.....	348	.....	.....	.....	1-K-Special
El Paso Cotton Industries, Inc., El Paso, Texas. Paymaster Brand 43% Protein Cottonseed Pellets.....	180	.....	.....	.....	1-S-Special
Farmers Cooperative Oil Mill, El Paso, Texas. 43% Protein Cottonseed Pellets.....	168	.....	.....	.....	2-S-Special
Fort Worth Cotton Oil Mill, Fort Worth, Texas. 43% Protein Cottonseed Cake.....	.....	858	.....	.....	3-T-Special
Houston Cotton Oil Mill, Houston, Texas. Cotton Bloom Brand 43% Protein Cracked Cottonseed Cake.....	.....	1201	.....	.....	4-M-Special
Longview Cotton Oil Company, Longview, Texas. 41% Protein Cottonseed Cake.....	.....	1164	.....	.....	2-J-Special
McCulloch County Cotton Oil Mill, Brady, Texas. Cotton Bloom Brand 43% Protein Cottonseed Cake.....	.....	1369	.....	.....	3-S-Special
Marlin Oil Company, The, Marlin, Texas. 43% Protein Cottonseed Cake.....	.....	1044	.....	.....	3-W-Special
Oil Mill & Fertilizer Works, Henderson, Texas. 43% Protein Cracked Cottonseed Cake.....	.....	1241	.....	.....	3-J-Special
Plains Cooperative Oil Mill, Lubbock, Texas. 43% Protein Cottonseed Cake.....	.....	1363	.....	.....	4-K-Special
Planters Cotton Oil Company, Dallas, Texas. Golden Rod Brand 43% Protein Cottonseed Cake.....	.....	1418	.....	.....	4-T-Special

Table 7. Hardness of Cottonseed Cake—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength—Lbs.				Inspection Number
	Soft 0-400	Medium Hard 401-1500	Hard 1501-2500	Very Hard Above 2500	
Southland Cotton Oil Company, Corsicana, Texas. 43% Protein Screened Cracked Cottonseed Cake .....	.....	440	.....	.....	1-W-Special
South Texas Cotton Oil Company, Victoria, Texas. Yello Brand 43% Protein Cottonseed Pellets .....	187	.....	.....	.....	1-H-Special
Taft Cotton Oil Company, Taft, Texas. 43% Protein Cottonseed Cake .....	.....	.....	2261	.....	3-H-Special
Traders Oil Mill Company, Fort Worth, Texas. 43% Protein Cottonseed Pellets ..	.....	656	.....	.....	2-T-Special
Union Oil Mill, Hubbard, Texas. 43% Protein Cracked Cottonseed Cake .....	.....	.....	2451	.....	2-W-Special
Weimar Oil Mill, Inc., Weimar, Texas. 41% Protein Cottonseed Cake .....	.....	.....	1936	.....	3-M-Special
West Texas Cottonoil Co., Shamrock, Texas. Paymaster Brand 43% Protein Cottonseed Pellets .....	237	.....	.....	.....	3-K-Special
Womble Oil Mill Company, Caldwell, Texas. 43% Protein Nut-Size Cottonseed Cake .....	.....	829	.....	.....	1-M-Special

## CARBONATE OF LIME AND SALT IN MIXED FEEDS

Many feeds of a mixed nature are registered to contain certain percentages of ground limestone, ground oyster shell, or some other material as a source of carbonate of lime, and salt. Determinations of the percentages of salt and carbonate of lime in quite a few of the inspection samples of mixed feeds show that the guaranties were not met in all cases. Some samples contained more salt and lime carrier than guaranteed, while others contained deficiencies in these ingredients, indicating failure to follow the formulas or lack of uniformity in mixing the ingredients.

During the period covered by this report the Division of Chemistry made 474 quantitative determinations of salt and 615 quantitative determinations of carbonate of lime in mixed feeds. Those shipments containing appreciable deficiencies or excesses were reported to the manufacturers and may be listed as follows:

## Number of Shipments

- 61 Deficient in ground limestone
- 57 Deficient in ground oyster shell
- 16 Deficient in salt



- 30 Deficient in ground limestone and salt
- 25 Deficient in ground oyster shell and salt
- 13 Deficient in ground oyster shell with excess of salt
- 12 Deficient in ground limestone with excess of salt
- 3 Deficient in salt with excess of ground limestone
- 7 Deficient in salt with excess of ground oyster shell
- 36 Excess of salt
- 4 Excess of precipitated carbonate of lime
- 34 Excess of ground limestone
- 10 Excess of ground oyster shell
- 3 Excess of calcium carbonate
- 16 Excess of ground limestone and salt
- 7 Excess of ground oyster shell and salt
- 1 Excess of calcium carbonate and salt

The percentage of samples showing excess of lime is greater than last year and the percentage showing deficiency is also much greater. The percentage of samples showing excess of salt was 17.9% as compared with 13.3% of the previous year. The percentage of samples showing deficiency in salt was 17% as compared with 7.8% of the previous year. There is still need for greater improvement on the part of the manufacturers as the amount of lime carrier and salt is always shown on feed inspection tags and the guaranties should be maintained in all cases.

Table 8 shows that 46% of the samples examined for lime carrier and 34.9% of the samples examined for salt did not contain the correct amount of limestone, oyster shell, or carbonate of lime, or salt as guaranteed to be present.

All manufacturers are advised to follow the formulas and take the necessary steps to insure proper mixing of the ingredients before sales are made.

**Table 8. Summary of Carbonate of Lime and Salt Determinations**

Ingredient	Number Samples Examined	Number Samples Deficient	Number Samples with Excess	Per Cent	
				Deficient	With Excess
Limestone, Oyster Shell, or Calcium Carbonate.....	615	198	85	32.2	13.8
Salt.....	474	81	85	17.0	17.9

### TESTS OF COMMERCIAL FEEDS FOR POISONS OR OTHER HARMFUL SUBSTANCES

The Division frequently receives complaints from feeders that they have sustained a loss of livestock and allege that certain feed is responsible for this loss. Samples of the feed in question accompany these complaints and



the Division is requested to examine for the presence of poison or other harmful substances.

During the period covered by this report nine such samples have been received and used in feeding tests. Three samples of poultry feed were fed to chickens of proper age under the direction of R. M. Sherwood, Chief, Division of Poultry Husbandry; and six samples of stock feed were fed to proper animals under the direction of Dr. H. Schmidt, Chief, Division of Veterinary Science. In all cases the tests were made under close supervision and in one instance we found a positive test for arsenic. The presence of this poison was possibly due to contamination by chemicals used in spraying.

### RETAIL PRICES OF FEEDS

In September, 1942, January, 1943, and May, 1943, the retail prices of sixteen simple feed commodities were secured in three towns in each of seven districts into which the State was divided. This survey was made to determine what differences, if any, existed between the prices of given commodities in different sections of the State at intervals of four months. Table 9 shows the towns surveyed in each district in September, January, and May of the year ended August 31, 1943.

Table 10 shows the average retail prices of feeds per ton in each of seven districts, the average retail price for the State and also the average retail cash selling price for the year. In some instances it will be noted that wide differences existed between prices of the same commodity in different sections of the State when the survey was made. These differences are very largely due undoubtedly to differences in freight rates and the effect of supply and demand.

**Table 9. Towns in Each District in Which Retail Prices Were Secured**

Name of District	Towns September, 1942	Towns January, 1943	Towns May, 1943
Amarillo.....	Tahoka Brownfield Littlefield	Quanah Vernon Spur	Dimmitt Wellington Childress
San Angelo.....	Sonora Brady San Angelo	San Angelo Coleman Brownwood	El Paso Sonora San Angelo
Houston.....	Port Arthur Orange Beaumont	Jasper Livingston Houston	Houston Liberty Jasper
San Antonio.....	San Antonio Laredo Uvalde	Austin Lockhart San Antonio	Uvalde Gonzales Yoakum
Tyler.....	Athens Paris Marshall	Nacogdoches Mt. Pleasant Tyler	Tyler Marshall Paris
Dallas.....	Gainesville Denton Dallas	Weatherford Fort Worth Stephenville	Fort Worth Weatherford Graham
Waco.....	Waxahachie Cleburne Hillsboro	Corsicana Temple Waco	Waco Corsicana Temple

Table 10. Average Retail Prices of Feeds by Districts

Name of Feed	Date	Price Per Ton. District							Average for State	Average for Year
		Amarillo	San Angelo	Houston	Waco	San Antonio	Dallas	Tyler		
43% Protein Cottonseed Cake.....	Sept., 1942	\$46.33	\$44.33	\$45.00	\$44.00	\$45.33	\$45.67	\$43.00	\$44.81	\$47.13
	Jan., 1942	45.00	47.50	51.00	46.67	38.00	47.33	45.00	45.79	
	May, 1943	.....	.....	.....	43.00	63.00	46.33	.....	50.78	
43% Protein Cottonseed Meal.....	Sept., 1942	46.33	44.33	45.00	44.00	45.33	45.67	43.00	44.81	47.52
	Jan., 1943	45.00	47.50	51.00	46.67	48.00	47.00	45.00	47.17	
	May, 1943	.....	.....	.....	43.00	63.00	46.33	50.00	50.58	
Corn Chop.....	Sept., 1942	46.00	46.67	45.33	42.67	46.67	46.00	42.33	47.95	50.97
	Jan., 1943	52.00	50.00	50.00	49.33	48.67	47.33	47.67	49.29	
	May, 1943	53.00	58.00	56.67	56.50	58.00	54.00	53.50	55.67	
Milo or Kafir Chop.....	Sept., 1942	23.67	31.67	37.00	37.33	38.00	40.33	33.00	34.43	43.06
	Jan., 1943	38.67	42.00	43.00	43.00	45.33	39.67	43.00	42.10	
	May, 1943	45.33	52.33	55.00	55.67	54.50	52.33	53.33	52.64	
Prairie Hay.....	Sept., 1942	.....	.....	18.33	12.00	15.00	16.67	19.33	16.07	20.08
	Jan., 1943	.....	.....	21.67	18.33	24.75	21.17	23.33	21.85	
	May, 1943	.....	.....	15.00	21.67	18.00	22.00	35.00	22.33	
Cottonseed Hulls (Loose).....	Sept., 1942	16.33	8.00	14.33	9.00	9.00	10.67	10.67	11.14	11.86
	Jan., 1943	9.67	.....	28.00	9.50	9.50	14.67	12.00	13.89	
	May, 1943	.....	12.00	.....	9.67	.....	10.00	.....	10.56	
Alfalfa Hay (Baled).....	Sept., 1942	19.00	25.50	33.33	17.00	29.00	24.00	28.67	25.21	31.37
	Jan., 1943	26.00	35.00	41.83	26.33	38.00	21.67	39.00	32.55	
	May, 1943	25.97	33.67	42.50	32.67	.....	36.00	47.33	36.36	
50% Protein Meat and Bone Scraps.....	Sept., 1942	88.33	85.00	85.67	87.33	89.00	86.67	82.33	85.62	84.23
	Jan., 1943	96.67	88.00	73.00	86.00	85.67	83.33	92.67	86.47	
	May, 1943	83.66	75.00	.....	72.32	87.50	80.00	85.00	80.58	
Dried Buttermilk.....	Sept., 1942	200.00	150.00	200.00	180.00	210.00	235.00	191.67	195.24	218.97
	Jan., 1943	.....	150.00	210.00	215.00	235.00	240.00	.....	210.00	
	May, 1943	.....	.....	.....	250.00	260.00	245.00	.....	251.67	
Dried Skimmed Milk.....	Sept., 1942	200.00	.....	.....	.....	.....	238.33	195.00	211.11	223.70
	Jan., 1943	.....	.....	.....	.....	.....	240.00	.....	240.00	
	May, 1943	.....	.....	.....	.....	.....	220.00	.....	220.00	
Whole Oat Crop.....	Sept., 1942	49.50	47.33	51.33	45.00	48.33	48.67	44.67	47.83	52.81
	Jan., 1943	50.33	51.67	53.33	53.00	52.67	50.00	53.33	52.05	
	May, 1943	51.00	60.00	59.00	60.33	65.50	56.00	58.00	58.55	
Rice Bran.....	Sept., 1942	.....	.....	34.33	35.00	33.00	35.00	38.33	35.13	36.40
	Jan., 1943	.....	34.00	30.00	37.33	36.00	40.00	38.00	35.89	
	May, 1943	.....	.....	34.00	.....	40.00	40.50	.....	38.17	
Rice Polishings.....	Sept., 1942	.....	.....	41.00	.....	.....	.....	43.00	42.00	43.31
	Jan., 1943	.....	.....	45.33	48.00	.....	40.00	.....	44.44	
	May, 1943	.....	.....	41.00	.....	46.00	.....	.....	43.50	
60% Protein Digester Tankage.....	Sept., 1942	91.67	90.00	83.67	86.67	97.00	93.67	89.00	90.24	86.95
	Jan., 1943	95.00	.....	72.50	92.33	.....	85.00	94.67	87.90	
	May, 1943	87.82	.....	.....	74.33	.....	86.00	.....	82.72	
Wheat Bran, with or without Screenings.....	Sept., 1942	41.00	39.67	38.67	38.00	37.00	37.67	36.67	38.38	43.08
	Jan., 1943	44.00	45.00	44.33	41.00	43.00	43.67	43.00	43.43	
	May, 1943	48.33	47.00	45.00	47.13	48.33	46.00	50.30	47.44	
Wheat Gray Shorts, with or without Screenings.....	Sept., 1942	44.33	45.00	43.00	43.33	41.33	43.33	42.00	43.19	45.62
	Jan., 1943	47.00	46.00	45.67	46.00	46.27	46.00	45.00	45.99	
	May, 1943	49.33	49.33	46.33	47.13	49.00	45.67	47.00	47.68	

## SUGGESTIONS TO PURCHASERS OF FEED

**Examine Official Tags.**—In purchasing feeding stuffs, always carefully examine the official tags attached and purchase on the official guaranty and actual analysis as indicated in the reports of the Division of Feed Control Service, and disregard statements of salesmen or in advertising matter, if they differ from the official tags.

**Goods Not as Represented.**—In case any purchaser receives goods which he thinks are not as represented, he may write to the Division of Feed Control Service, giving full details of the matter, stating the quantity on hand and his reasons for suspecting that the feed is not as represented. The Division will investigate the matter carefully and either send an inspector, if conditions justify so doing, or else send instructions for taking a sample of the feed for further examination.

**Freight Bills, Invoices, Etc.**—It is important that purchasers of feed in car lots should always have available for use of the inspector the following information: the total number of tons in the shipment; number and initials of car in which shipment is received; number and date of waybill; name of railroad issuing waybill; name of town from which shipment was made; name of firm from which feed was purchased; date of original waybill; date shipment was received, and price per ton. This information is especially valuable to the Service in all cases involving the shipment of feed from other States, as it will assist in proving the sale and protecting Texas purchasers under the Federal Law.

**Official Tag.**—Do not accept any feeding stuff unless Texas tax tags are attached to the sacks, and purchase only those brands which are manufactured by companies whose record of inspection shows that their guaranties are maintained.

## DEFINITIONS AND STANDARDS ADOPTED

The Director of the Texas Agricultural Experiment Station is empowered to adopt standards for and definitions of feeding stuffs; therefore, the registration of any feeding stuff may be refused if it does not conform to the standard and definition or if application is made under a name which is misleading as to materials of which it is composed. Registrations continue in force until revision or re-registration may be required, unless cancelled for cause. The following will be considered as sufficient reasons for the cancellation of any registration, after ten days' notice: if a feeding stuff is registered and then discovered to be in violation of the standard and definition adopted; the use of a brand name that is found to be misleading in any respect; the use of a feed ingredient that is found to be injurious; the incorrect labeling of a feed with regard to any ingredient; misbranding or adulteration; notice from the manufacturer that the sale of any given brand has been discontinued, and notice from the manufacturer that he has ceased to do business in Texas.

Table 11 shows the chemical standards now in effect in Texas. If a manufacturer is uncertain as to how a certain brand of feed should be registered, it will be advisable for him to communicate with the Division of Feed Control Service before making application for registration.

### Special-Purpose Mixed Feeds

The standards for special-purpose mixed feeds have also been adopted by the Association of Southern Feed Control Officials.

**Table 11. Chemical Standards**

Name of Feed	Minimum Protein, Per Cent	Minimum Fat, Per Cent	Maximum Fiber, Per Cent
Chopped Alfalfa.....	13.00	1.50	33.00
Alfalfa Leaf Meal.....	.....	.....	18.00
Alfalfa Meal.....	13.00	1.50	33.00
Ground Whole Barley.....	.....	.....	6.00
Raw Bone Meal.....	23.00	.....	.....
Dried Buttermilk.....	.....	5.00	.....
Evaporated, Concentrated, Condensed Buttermilk.....	.....	2.00	.....
Corn Bran.....	8.00	5.00	12.00
Corn Chop.....	9.00	3.50	3.00
Ear Corn Chop.....	8.20	3.20	8.00
Ear Corn Chop with Husk.....	8.00	3.00	10.00
Corn Feed Meal.....	8.00	3.00	3.00
48% Protein Cottonseed Meal and Cake.....	48.00	7.00	9.00
45% Protein Cottonseed Meal and Cake.....	45.00	6.00	10.00
43% Protein Cottonseed Meal and Cake.....	43.00	5.20	12.00
41% Protein Cottonseed Meal and Cake.....	41.00	5.00	12.00
41.12% Protein Cottonseed Feed.....	41.12	5.00	14.00
38.56% Protein Cottonseed Feed.....	38.56	5.00	18.00
36% Protein Cottonseed Feed.....	36.00	5.00	22.00
28% Protein Whole-Pressed Cottonseed.....	28.00	.....	.....
25% Protein Whole-Pressed Cottonseed.....	25.00	.....	.....
Crab Meal.....	25.00	.....	.....
Feterita Chop.....	11.00	2.80	3.00
Feterita Head Chop.....	10.00	2.50	8.00
Hominy Feed.....	10.00	5.00	7.00
Kafir Chop.....	10.00	2.50	3.00
Kafir Head Chop.....	8.50	2.50	8.00
Lespedeza Meal.....	.....	.....	28.00
Malt Sprouts.....	24.00	.....	.....
Meat Meal.....	65.00	.....	.....
Milo Chop.....	10.00	2.50	3.00
Milo Head Chop.....	8.50	2.50	8.00
Feeding Oat Meal.....	.....	.....	4.00
48% Protein Peanut Meal and Cake.....	48.00	7.00	9.00
45% Protein Peanut Meal and Cake.....	45.00	6.00	10.00
43% Protein Peanut Meal and Cake.....	43.00	6.00	12.00
36% Protein Whole-Pressed Peanuts.....	36.00	.....	22.00
34% Protein Whole-Pressed Peanuts.....	34.00	.....	24.00
Rice Bran.....	11.00	10.00	15.00
Rice Polishings.....	11.00	6.00	4.00
Rye Flour Middlings.....	.....	.....	5.00
Rye Low-Grade Feed Flour.....	.....	.....	1.50
Wheat Bran.....	14.50	3.00	10.00
Wheat Brown Shorts.....	15.00	3.50	7.50
Wheat Chop.....	12.00	2.00	3.00
Wheat Gray Shorts.....	15.00	3.50	6.00
Wheat Low-Grade Feed Flour.....	.....	.....	1.50
Wheat Mixed Feed.....	15.00	3.50	8.50
Wheat Red Dog.....	.....	.....	4.00
Wheat White Shorts.....	14.50	3.00	3.50
<b>Special-Purpose Mixed Feeds</b>			
Horse and Mule Feed.....	9.00	2.00	15.00
Dairy or Dairy Cow Feed.....	15.00	3.00	15.00
Complete Hog Feed or Ration.....	14.00	3.00	8.00
Chick Scratch Feed.....	9.00	2.00	4.00
Poultry Intermediate Scratch Feed.....	9.00	2.00	4.50



Table 11. Chemical Standards—Continued

Name of Feed	Minimum Protein, Per Cent	Minimum Fat, Per Cent	Maximum Fiber, Per Cent
Poultry Scratch Feed.....	9.00	2.00	5.00
Poultry All-Mash Broiler Ration.....	17.00	3.50	8.00
Chick Starting Mash.....	17.00	3.50	7.00
All-Mash Starting Ration.....	15.00	3.50	7.00
Growing Mash.....	15.00	3.50	8.00
All-Mash Growing Ration.....	15.00	3.50	7.00
Starting and Growing Mash.....	17.00	3.50	7.00
All-Mash Starting and Growing Ration.....	15.00	3.50	7.00
Laying or Egg Mash.....	18.00	3.50	8.00
All-Mash Laying Ration.....	15.00	3.50	8.00
All-Mash Poultry Ration.....	15.00	3.50	7.00
Poultry Fattening Mash.....	13.00	3.50	8.00
Turkey Starting Mash.....	18.00	3.50	8.00
Turkey Growing Mash.....	17.00	3.50	8.00
Turkey Starting and Growing Mash.....	18.00	3.50	8.00
Turkey Laying Mash.....	18.00	3.50	8.00
Turkey All-Mash Laying Ration.....	15.00	3.50	8.00

### DEFINITIONS OF AND STANDARDS FOR COMMERCIAL UNMIXED FEEDS

Many of the definitions adopted by the Association of American Feed Control Officials, Inc., are followed closely and the names and standards are required to be in conformity with these definitions. The date in parenthesis, such as (Adopted 1928), gives the date of official adoption by the Association of American Feed Control Officials, Inc. In addition to these definitions, the following, some of which apply especially to Texas conditions, include standards and definitions formulated by the Division of Feed Control Service from the most reliable data available.

#### Alfalfa Products

**Alfalfa Meal** is the product obtained from the grinding of the entire alfalfa hay, without the addition of any alfalfa stems, alfalfa straw, or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds. (Adopted 1928.) Standard: It must contain not less than 13 per cent of crude protein and 1.5 per cent of crude fat, and not more than 33 per cent of crude fiber.

**Chopped or Cut Alfalfa** is the entire alfalfa hay, chopped or cut and not ground finely enough to become a meal. It must not contain an admixture of alfalfa straw or other foreign material. (Adopted prior to 1928—Amended 1937.) Standard: It must contain not less than 13 per cent of crude protein and 1.5 per cent of crude fat, and not more than 33 per cent of crude fiber.

**Alfalfa Leaf Meal** is the ground product consisting chiefly of leafy materials separated from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds, and must not contain more than 18 per cent of crude fiber. (Adopted 1928—Amended 1938.)

**Alfalfa Stem Meal** is the ground product remaining after the separation of the leafy material from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds. (Adopted 1928.)

(Note)—The word “dehydrated” may precede the official definitions for alfalfa products provided the product has been artificially dried. (Adopted 1940.)

(Note)—A guaranty of the crude carotene content expressed in parts per million, accompanied by an expiration date, may be included on the label if the producer so desires. (Adopted 1941.)

### Animal Products

**Blood Meal** is ground, dried blood. (Adopted 1926.)

**Blood Flour** is dried blood, prepared by special processes and reduced to a fine powder. (Adopted prior to 1928.)

**Digester Tankage, Meat Meal Tankage, or Feeding Tankage** is the residue from animal tissues exclusive of hoof, horn, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry-rendering or a mixture of the products made suitable by drying and grinding. It must not contain more than 4.4 per cent of phosphorus (P). If it bears a name descriptive of its kind, composition or origin, the material must correspond thereto. (Adopted 1928—Amended 1933, 1936, 1938.)

**Digester Tankage with Bone, Meat and Bone Meal Digester Tankage, Meat and Bone Meal Tankage, or Feeding Tankage with Bone** is the residue from animal tissues exclusive of hoof, horn, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry-rendering or a mixture of the products made suitable by drying and grinding, and containing more than 4.4 per cent of phosphorus (P). If it bears a name descriptive of its kind, composition or origin, it must correspond thereto. (Adopted 1928—Amended 1933, 1936, 1938.)

**Meat** is the clean, wholesome flesh derived from slaughtered mammals and is limited to that part of the striate muscle which is skeletal or that which is found in the tongue, in the diaphragm, in the heart, or in the esophagus, and does not include that found in the lips, in the snout, or in the ears; with or without the accompanying and overlying fat and the portions of skin, sinew, nerve, and blood vessels which normally accompany the flesh. If it bears a name descriptive of its kind, it must correspond thereto.

The term “meat” when applied to the corresponding portions of animals other than cattle, swine, sheep, and goats shall be used in qualified form, as, for example, “horse meat,” “reindeer meat,” “crab meat,” etc. (Adopted 1938—Amended 1939.)



**Meat By-Products** consist of any non-rendered, clean, wholesome part of the carcass of slaughtered mammals other than meat, such as lungs, spleens, kidneys, brains, stomach and intestines free from their contents; it does not include skin, horns, teeth, hoofs, and bones. If it bears a name descriptive of its kind, it must correspond thereto.

The term "meat by-products" when applied to the corresponding portions of animals other than cattle, swine, sheep, and goats shall be used in qualified form, as, for example, "horse meat by-products," "reindeer meat by-products," "crab meat by-products," etc. (Adopted 1938—Amended 1939.)

**Meat Meal** is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, blood, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice. It must contain not less than 65 per cent of protein and not more than 3 per cent of phosphorus (P). If it bears a name descriptive of its kind, composition, or origin, it must correspond thereto. (Adopted 1939.)

**Meat Scraps** is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, blood, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice. When this product contains more than 4.4 per cent of phosphorus (P), it shall be designated ..... Per Cent Protein Meat and Bone Scraps. If it bears a name descriptive of its kind, composition or origin, it must correspond thereto. (Adopted 1928—Amended 1936, 1938.)

**Whale Meal** is prepared from the clean, dried undecomposed flesh of the whale, after part of the oil has been extracted. It contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl), the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

**Raw Bone Meal** is the dried, ground product suitable for animal feeding, obtained by cooking in water at atmospheric pressure, undecomposed bone, just enough to remove excess fat and meat. It must not contain less than 23 per cent of protein. (Adopted 1929.)

**Steamed Bone Meal** is the dried, ground product suitable for animal feeding, obtained by cooking bones with steam under pressure. (Adopted 1929.)

**Special Steamed Bone Meal** is the dried, ground product suitable for animal feeding, obtained by cooking dried bone after the removal of grease and meat fibre with steam under pressure in the process of obtaining gelatine or glue. (Adopted 1929.)

**Bone Charcoal** or **Bone Black** is the product obtained by charring bones in closed retorts. It shall contain not less than 14.7 per cent of phosphorus (P). (Adopted 1938.)

**Spent Bone Black** is the product resulting from the repeated charring

of bone charcoal or bone black after use in clarifying sugar solutions. It shall contain not less than 11.5 per cent of phosphorus (P). (Adopted 1938.)

### **Barley Products**

**Barley Hulls** is the product consisting of the outer coverings of the barley. (Adopted prior to 1928.)

**Barley Feed** is the entire by-product resulting from the manufacture of pearl barley from clean barley. (Adopted prior to 1928.)

**Barley Mixed Feed** is the entire offal from the milling of barley flour from clean barley and is composed of barley hulls and barley middlings. (Adopted prior to 1928.)

**Ground Barley** is the entire product obtained by grinding clean, sound barley, containing not less than 90 per cent of pure barley and not more than 10 per cent of other grains, weed seeds, and other foreign material, and not more than 6 per cent of crude fiber; provided that no portion of this stated 10 per cent of other grains, weed seeds, or other foreign material shall be intentionally added. (Adopted prior to 1928.)

**Mixed Feed Barley** is the entire product obtained by grinding country-run barley containing not less than 75 per cent of pure barley and not more than 25 per cent of other grains, weed seeds, and other foreign material; provided that no portion of this stated 25 per cent of other grains, weed seeds, or foreign material shall be intentionally added. The ingredients must be stated as barley, other grains, weed seeds, and other foreign material. (Adopted prior to 1928.)

### **Brewers' and Distillers' Products**

**Brewers' Dried Grains** is the dried extracted residue of barley malt alone or in mixture with other cereal grain or grain products resulting from the manufacture of wort. (Adopted 1936.)

**Malt Sprouts** is the product obtained by the removal of the sprouts from malted barley together with the malt hulls, other parts of malt and foreign material unavoidably present. It shall contain not less than 24 per cent of protein. The term "Malt Sprouts" when applied to a corresponding portion of other malted cereals shall be used in qualified form, as for example: "Rye Malt Sprouts," "Wheat Malt Sprouts," etc. (Adopted 1942.)

..... **Per Cent Protein Malt Cleanings** is the product obtained from the cleaning of malted barley or from the recleaning of malt which does not meet the minimum protein standard of malt sprouts. (Adopted 1942.)

**Malt Hulls** is the product consisting almost entirely of hulls as obtained in the cleaning of malted barley. (Adopted 1942.)

**Corn Distillers' Dried Grains** is the dried residue obtained in the manu-

facture of alcohol and distilled liquors from corn, or from a grain mixture in which corn predominates. (Adopted 1942.)

**Rye Distillers' Dried Grains** is the dried residue obtained in the manufacture of alcohol and distilled liquors from rye, or from a grain mixture in which rye predominates. (Adopted 1942.)

**Distillers' Corn Solubles** is a by-product from the manufacture of alcohol from corn solids obtained by the evaporation of the mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

**Distillers' Rye Solubles** is a by-product from the manufacture of alcohol from rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

**Distillers' Corn and Rye Solubles** is a by-product from the manufacture of alcohol from corn and rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

**Molasses Distillers' Solubles** is the product obtained by drying the residue obtained from the yeast fermentation of molasses after the removal of the alcohol by distillation. (Adopted 1942.)

**Yeast Dried Grains or Vinegar Dried Grains** is the properly dried residue from the mixture of cereals, malt, and malt sprouts (sometimes cottonseed meal), obtained in the manufacture of yeast or vinegar, and consists of corn or corn and rye, from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added during the manufacturing process to aid in filtering the residue from the wort and to serve as a source of food supply for the yeast. (Adopted prior to 1928.)

### **Corn Products**

**Corn Meal** is finely ground, unbolted corn. (Adopted prior to 1928.)

**Corn Bran** is the outer coating of the corn kernel, with little or none of the starchy part or germ. (Adopted 1931.) Standard: It must contain not less than 8 per cent of crude protein and 5 per cent of crude fat, and not more than 12 per cent of crude fiber.

**Corn Feed Meal** is the fine siftings obtained in the manufacture of screened corn chop, screened ground corn, or screened cracked corn, with or without its aspiration products added. (Adopted 1931.) Standard: It must contain not less than 8 per cent of crude protein and 3 per cent of crude fat, and not more than 3 per cent of crude fiber.

**Corn Chop, Ground Corn, or Cracked Corn** is the entire product made by grinding, cutting, or chopping the grains of sound Indian corn, and may be fine, medium, or coarse, and must not contain more than 4 per cent of

foreign material. (Adopted 1931.) Standard: It must contain not less than 9 per cent of crude protein and 3.5 per cent of crude fat, and not more than 3 per cent of crude fiber.

**Screened Corn Chop, Screened Ground Corn, or Screened Cracked Corn** is the coarse portion of corn chop, ground corn, or cracked corn from which most of the fine particles have been removed, and must not contain more than 4 per cent of foreign material. (Adopted 1931.)

**Corn Grits, or Hominy Grits** is the product consisting of the fine or medium-sized, hard flinty portions of sound Indian corn containing little or none of the bran or germ. (Adopted 1931.)

**Ear Corn Chop** is corn and cob chopped, without the husk, with no greater proportion of cob than occurs in the ear corn in its natural state. (Adopted prior to 1928.) Standard: It must contain not less than 8.20 per cent of crude protein and 3.20 per cent of crude fat, and not more than 8 per cent of crude fiber.

**Ear Corn Chop with Husk** is corn, corn cob, and corn husk, chopped, with no greater proportion of cob and husk than occurs in the snapped corn in its natural state. Standard: It must contain not less than 8 per cent of crude protein and 3 per cent of crude fat, and not more than 10 per cent of crude fiber.

**Corn Gluten Feed** is that part of commercial shelled corn that remains after the extraction of the larger part of the starch and germ by the process employed in the wet-milling manufacture of corn starch or syrup. It may or may not contain one or more of the following: corn solubles, corn oil meal. (Adopted 1936.)

**Corn Gluten Meal** is that part of commercial shelled corn that remains after the extraction of the larger part of the starch and germ, and the separation of the bran by the process employed in the wet-milling manufacture of corn starch or syrup. It may or may not contain one or more of the following: corn solubles, corn oil meal. (Adopted 1936.)

**Maltose Process Corn Gluten Feed** is the dried residue from degermed corn, after removal of the starch in the manufacture of malt syrup. (Adopted prior to 1928.)

**Hominy Feed** is a mixture of corn bran, corn germ, and a part of the starchy portion of either white or yellow corn kernels or mixture thereof as produced in the manufacture of pearl hominy, hominy grits or table meal, and shall contain not less than 5 per cent of crude fat. If prefixed with the words "white" or "yellow," the product must correspond thereto. (Adopted 1935.) Standard: It must contain not less than 10 per cent of crude protein and 5 per cent of crude fat, and not more than 7 per cent of crude fiber.

**Corn Oil Cake** consists of the corn germ from which part of the oil has



been pressed and is the product obtained in the wet-milling process of manufacture of corn starch, corn syrup, and other corn products. (Adopted prior to 1928.)

**Corn Oil Meal** is ground corn oil cake. (Adopted prior to 1928.)

**Corn Germ Cake** consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry-milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products. (Adopted prior to 1928.)

**Corn Germ Meal** is ground corn germ cake. (Adopted prior to 1928.)

**Corn Screenings** is the product consisting of the small light grains of corn, parts of grains of corn or other cereals, and other materials having feeding value, separately or together, obtained by screening shelled corn, excluding sand, dirt and other similar inert materials. (Adopted 1931.)

### Cottonseed Products

**Cottonseed Meal** is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed meal that does not conform to the foregoing definition and that does not contain at least 41 per cent of protein. Cottonseed meal shall be graded and classed as follows:

**48 Per Cent Protein Cottonseed Meal, Prime Quality**, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess of lint. Standard: It must contain not less than 48 per cent of crude protein and not less than 55 per cent of crude protein and crude fat combined, and not more than 9 per cent of crude fiber.

**45 Per Cent Protein Cottonseed Meal, Prime Quality**, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess of lint. Standard: It must contain not less than 45 per cent of crude protein and not less than 51 per cent of crude protein and crude fat combined, and not more than 10 per cent crude fiber.

**43 Per Cent Protein Cottonseed Meal, Prime Quality**, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess of lint. Standard: It must contain not less than 43 per cent of crude protein and not less than 48.20 per cent of crude protein and crude fat combined, and not more than 12 per cent of crude fiber.

**41 Per Cent Cottonseed Meal, Prime Quality**, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess of lint. Standard: It must contain not less than 41 per cent of crude protein and not less than 46 per cent of crude protein and crude fat combined, and not more than 12 per cent of crude fiber.

**Cottonseed Meal, Off Quality.** Cottonseed meal not fulfilling the above



requirements as to color, odor, or texture shall be branded "Off Quality," that is, "41 Per Cent Protein Cottonseed Meal, Off Quality." Higher grades shall be similarly designated.

**Cottonseed Cake** is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed cake that does not conform to the following definitions and that does not contain at least 41 per cent of protein. Cottonseed cake shall be graded and classed as follows:

..... **Per Cent Protein Cottonseed Cake, Prime Quality.** Cottonseed cake, prime quality, must be firm, but not flinty in texture, of sweet odor, free of mold, and when ground into meal, must produce cottonseed meal, prime quality. It shall contain not less than 41 per cent of crude protein. It must be designated and sold according to its protein content. Cottonseed cake with 41 per cent of crude protein must be termed "41 Per Cent Protein Cottonseed Cake, Prime Quality," and higher grades similarly designated.

..... **Per Cent Protein Cottonseed Cake, Off Quality.** Cottonseed cake not fulfilling the above requirement as to color, odor, and texture must be labeled "41 Per Cent Protein Cottonseed Cake, Off Quality," and higher grades similarly designated.

..... **Per Cent Protein Nut-Size Cottonseed Cake, ..... Quality.** Nut-size cottonseed cake shall be a product which will pass through  $\frac{5}{8}$ -inch round perforation and over  $\frac{7}{8}$ -inch round perforation. It shall be free from meal, pea-size and pebble-size cake and shall not contain in excess of 10 per cent of sheep-size cake. (Adopted 1937.)

..... **Per Cent Protein Sheep-Size Cottonseed Cake, ..... Quality.** Sheep-size cottonseed cake shall be a product which will pass through  $\frac{7}{8}$ -inch round perforation and over  $\frac{5}{8}$ -inch round perforation. It shall be free from meal and pebble-size cake and shall not contain in excess of a total of 10 per cent of nut-size and pea-size cake. (Adopted 1937.)

..... **Per Cent Protein Pea-Size Cottonseed Cake, ..... Quality.** Pea-size cottonseed cake shall be a product which will pass through  $\frac{5}{8}$ -inch round perforation and over  $\frac{3}{8}$ -inch round perforation. It shall be free from meal and nut-size cake and shall not contain in excess of 10 per cent of sheep-size and pebble-size cake. (Adopted 1937.)

..... **Per Cent Protein Pebble-Size Cottonseed Cake, ..... Quality.** Pebble-size cottonseed cake shall be a product consisting of fine particles and small pieces of cottonseed cake capable of passing through a  $\frac{3}{8}$ -inch round perforation. (Adopted 1937.)

..... **Per Cent Protein Cottonseed Cubes or Pellets, Prime Quality.** Cottonseed cubes or pellets, prime quality, processed through a cubing or pelleting machine, must be firm, but not flinty, of sweet odor, free of mold, and when ground into meal, must produce cottonseed meal, prime

quality. It shall contain not less than 41 per cent of crude protein. It must be designated and sold according to its protein content.

**Cottonseed Cake, Cubes and Pellets** shall correspond to cottonseed meal as to composition and as to standards and classifications.

**Munsell Color Standard for Cottonseed Cake and Meal, Prime Quality.** Whenever in the definitions reference is made to color of cottonseed cake or cottonseed meal, prime quality, 41 per cent or higher protein cottonseed cake or cottonseed meal shall not be darker in color than Munsell Color Standard "1½ yellow, 5/5," and 36 per cent protein cottonseed cake or cottonseed meal, prime quality, shall not be darker in color than Munsell Color Standard "10 yellow—red 5/5." (Adopted 1938.)

**41.12 Per Cent Protein Ground Cottonseed Feed** must be reasonably bright in color, sweet in odor, and must contain not more than 5 per cent of delinted cottonseed hulls. Standard: It must contain not less than 41.12 per cent of crude protein and not less than 46.12 per cent of crude protein and crude fat combined, and not more than 14 per cent of crude fiber.

**38.56 Per Cent Protein Ground Cottonseed Feed** must be reasonably bright in color, sweet in odor, and must contain not more than 12 per cent of delinted cottonseed hulls. Standard: It must contain not less than 38.56 per cent of crude protein and not less than 43.56 per cent of crude protein and crude fat combined, and not more than 18 per cent of crude fiber.

**36 Per Cent Protein Ground Cottonseed Feed** must be reasonably bright in color, sweet in odor, and must contain not more than 17.50 per cent of delinted cottonseed hulls. Standard: It must contain not less than 36 per cent of crude protein and not less than 41 per cent of crude protein and crude fat combined, and not more than 22 per cent of crude fiber.

**Cracked Cottonseed Feed** shall correspond to ground cottonseed feed as to composition and as to standards and classifications.

**The percentage of cottonseed hulls contained in cottonseed feed must be shown on the tags in order that this product may not be considered adulterated.**

**28 Per Cent Protein Whole-Pressed Cottonseed, Prime Quality,** is the product resulting from subjecting the whole, sound, mature, clean, undecorticated cottonseed to pressure for the extraction of oil, and includes the entire cottonseed, less the oil extracted and the lint removed. Standard: It must contain not less than 28 per cent of crude protein.

**25 Per Cent Protein Whole-Pressed Cottonseed, Prime Quality,** is the product resulting from subjecting the whole, sound, mature, clean, undecorticated cottonseed to pressure for the extraction of oil, and includes the entire cottonseed, less the oil extracted and the lint removed. Standard: It must contain not less than 25 per cent of crude protein.

**Ground Whole-Pressed Cottonseed** is whole-pressed cottonseed, ground. It must correspond to whole-pressed cottonseed as to composition and as to standards and classifications.

#### **Feterita Products**

**Feterita Chop** consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 11 per cent of protein, 2.80 per cent of fat, and not more than 3 per cent of crude fiber.

**Feterita Head Chop** consists of the entire head, chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

**Feterita Head Stems** consists of the head of feterita from which the grain has been removed.

#### **Kafir Products**

**Kafir Chop** consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 3 per cent of crude fiber.

**Kafir Head Chop** consists of the entire head, chopped. Standard: It must contain not less than 8.50 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

**Kafir Head Stems** consists of the head of kafir from which the grain has been removed.

#### **Lespedeza Products**

**Lespedeza Meal** is the product obtained from the grinding of the entire lespedeza hay, without the addition of any lespedeza stems, lespedeza straw, or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds, and must not contain more than 28 per cent of crude fiber. (Adopted 1938.)

**Lespedeza Stem Meal** is the ground product remaining after the separation of the leafy material from lespedeza hay or meal. It must be reasonably free from other crop plants and weeds. (Adopted 1938.)

**Lespedeza Straw Meal** is the ground product remaining after the separation of the seed from lespedeza. It must be reasonably free from other crop plants and weeds. (Adopted 1938.)

#### **Linseed and Flax Products**

..... **Per Cent Protein Linseed Cake** or ..... **Per Cent Protein Linseed Meal** is the product obtained in the removal of the oil from flaxseed; provided that the final product contains less than 6 per cent of weed seeds and other foreign materials; and provided further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be

deliberately added. It shall not contain more than 0.5 per cent of acid insoluble ash. (Adopted 1933.)

..... Per Cent Protein Old Process Oil Meal or ..... Per Cent Protein Old Process Linseed Meal is oil meal as defined below, produced by crushing, cooking, and hydraulic pressure. (Adopted prior to 1928.)

..... Per Cent Protein New Process Oil Meal or ..... Per Cent Protein New Process Linseed Meal is oil meal as defined below, produced by crushing, heating, and the use of solvents. (Adopted prior to 1928.)

**Flax Plant By-Product** is that portion of the flax plant remaining after the separation of the seed, the bast fiber, and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem. (Adopted prior to 1928.)

**Ground Flaxseed or Flaxseed Meal** is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; the final product must contain less than 4 per cent of weed seeds and other foreign materials, and no portion of the stated 4 per cent of weed seeds and other foreign materials shall be intentionally added. (Adopted prior to 1928.)

**Unscreened Flaxseed Oil Feed Cake** is the product obtained by extraction of part of the oil from unscreened flaxseed by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents. The ingredients must be stated as "partially extracted flaxseed and foreign seeds (wheat, wild buckwheat, pigeon grass, wild mustard, etc.)." (Adopted prior to 1928.)

**Ground Unscreened Flaxseed Oil Feed** is the ground unscreened flaxseed oil feed cake. (Adopted prior to 1928.)

**Screenings Oil Feed** is the ground product obtained after extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents from the smaller imperfect flaxseed, weed seeds, and other foreign materials having feeding value, separated in cleaning flaxseed. The name of the grain from which the screenings are separated must be prefixed to "screenings oil feed." (Adopted prior to 1928.)

..... **Per Cent Protein Oil Cake** is the product obtained after the extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents, from flaxseed which have been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process. When used alone the term "Oil Cake" shall be understood to designate linseed cake as defined. When used to cover any other product the name of the seed from which it is obtained must be prefixed to the words "Oil Cake." (Adopted prior to 1928.)

..... **Per Cent Protein Oil Meal or ..... Per Cent Protein Ground Oil Cake** is oil cake ground to a meal. (Adopted prior to 1928.)



..... **Per Cent Protein Linseed Feed** is a mixture of linseed meal with screenings oil feed, or other flaxseed by-products, or both. (Adopted 1937.)

### **Marine Products**

**Fish Meal** is clean, dried, ground tissues of undecomposed whole fish or fish cuttings, either or both, with or without the extraction of part of the oil, and contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl), the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

**Fish Residue Meal** is the clean, dried, undecomposed residue from the manufacture of glue from non-oily fish, and contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl), the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

**Crab Meal** is prepared from the undecomposed dried waste of the crab industry and contains the shell, viscera, and part or all of the flesh. It contains not less than 25 per cent of protein and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl), the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

**Shrimp Meal** is prepared from the undecomposed dried waste of the shrimp industry and contains the head, hull, or the whole shrimp, either or in mixture, and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl), the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

### **Milk Products**

**Evaporated Buttermilk, Concentrated Buttermilk, or Condensed Buttermilk** is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains not less than 27 per cent of total solids, not less than 2 per cent of butterfat, and not more than .14 per cent of ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name, provided it is followed by one of the names given. (Adopted prior to 1928.)

**Dried Buttermilk (Feeding)** is the product resulting from the removal of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added, excepting such as are necessary and permitted in the manufacture of butter. It contains not more than 8 per cent of moisture, not more than 13 per cent of mineral matter



(ash), and not less than 5 per cent of butterfat, as determined by the Reese-Gottlieb method. (Adopted 1932.)

**Dried Skimmed Milk (Feeding)** is the product resulting from the removal of water from clean, sound skimmed milk. It contains not more than 8 per cent of moisture. (Adopted 1930.)

**Condensed Skimmed Milk** is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk. It contains not less than 27 per cent of total solids. (Adopted 1930.)

**Dried Soured Skimmed Milk** is the product resulting from the removal of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not more than 8 per cent of moisture. (Adopted 1932.)

**Evaporated Soured Skimmed Milk, Concentrated Soured Skimmed Milk, or Condensed Soured Skimmed Milk** is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not less than 27 per cent of total solids. (Adopted 1932.)

**Dried Whey** is the by-product from the manufacture of cheese or casein, either or both. This product shall contain at least 65 per cent of lactose (milk sugar). (Adopted 1934.)

**Cheese Rind** is cooked, partially defatted cheese rind. (Adopted 1935.)

### Milo Products

**Milo Chop** consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 3 per cent of crude fiber.

**Milo Head Chop** consists of the entire head, chopped. Standard: It must contain not less than 8.50 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

**Milo Head Stems** consists of the head of the milo from which the grain has been removed.

### Oat Products

**Oat Hulls** is the product consisting of the outer covering of the oat. (Adopted prior to 1928.)

**Oat Middlings** is the product consisting of the floury portions of the oat groat obtained in the milling of rolled oats. (Adopted prior to 1928.)

**Oat Shorts** is the product consisting of the covering of the oat grain lying immediately inside the hull, being a fuzzy material carrying with it considerable portions of the fine floury part of the groat obtained in the milling of rolled oats. (Adopted prior to 1928.)

**Clipped Oat By-Product** is the by-product obtained in the manufacture of clipped oats. It may contain the light chaffy material broken from the end of the hulls, empty hulls, light immature oats, and dust. It must not contain an excessive amount of oat hulls. (Adopted prior to 1928.)

**Oat Chop, Ground Oats, Pulverized Oats, Crushed Oats, or Crimped Oats** consists of the entire product made by chopping, cutting, grinding, crushing, or crimping whole oats. (Adopted 1931.)

**Oat Groats** are the kernels produced from cleaned and dried oats in the process of manufacturing oat meal. (Adopted 1931.)

**Hulled Oats or Undried Oat Groats** are the kernels produced from the undried grain in the process of hulling oats. (Adopted 1931.)

**Oat Mill Feed** (Oat Hulls, Oat Shorts, and Oat Middlings) is the entire by-product produced in the manufacture of oat groats and consists of oat hulls, oat shorts, and oat middlings. If used in a mixed feed, it shall be called Oat Mill Feed (Oat Hulls, Oat Shorts, and Oat Middlings). (Adopted 1932.)

**Feeding Oat Meal** is a product obtained in the manufacture of rolled oat groats or rolled oats and consists of broken rolled oat groats, oat groat chips, and floury portions of the oat groats, with only such quantity of finely ground oat hulls as is unavoidable in the usual process of commercial milling. It must not contain more than 4 per cent of crude fiber. (Adopted 1938.)

**Cut Oat Groats, Cracked Oat Groats, or Ground Oat Groats** is the product produced by cutting, cracking, or grinding oat groats. (Adopted 1938.)

#### **Peanut Products\***

**48 Per Cent Protein Peanut Meal** is the product from the kernels of sound peanuts, free from excess of hulls and other foreign materials. Standard: It must be finely ground and of sweet odor, and must contain not less than 48 per cent of protein, not less than 7 per cent of fat, and not more than 9 per cent of crude fiber.

**45 Per Cent Protein Peanut Meal** is the product from the kernels of sound peanuts, free from excess of hulls and other foreign materials. Standard: It must be of sweet odor, and contain not less than 45 per cent of protein, not less than 6 per cent of fat, and not more than 10 per cent of crude fiber.

**43 Per Cent Protein Peanut Meal** is the product from the kernels of sound peanuts, reasonably free from excess of hulls and other foreign materials. Standard: It must be of sweet odor, and contain not less than 43 per cent of protein, not less than 6 per cent of fat, and not more than 12 per cent of crude fiber.

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\*Definitions not adopted by the Association of American Feed Control Officials, Inc.

**Peanut Cake** shall correspond to peanut meal as to composition and as to standards and classifications.

**36 Per Cent Protein Whole-Pressed Peanuts** is the product resulting from subjecting the whole, sound, mature, clean peanuts, free from sticks, stems, and dirt, to pressure for the extraction of oil, and includes the entire peanut less the oil extracted. Standard: It must contain not less than 36 per cent of protein and not more than 22 per cent of crude fiber.

**34 Per Cent Protein Whole-Pressed Peanuts** is the product resulting from subjecting the whole, sound, mature, clean peanuts, reasonably free from sticks and stems, to pressure for the extraction of oil, and includes the entire peanut less the oil extracted. Standard: It must contain not less than 34 per cent of protein and not more than 24 per cent of crude fiber.

**Ground Whole-Pressed Peanuts** shall correspond to whole-pressed peanuts as to composition and as to standards and classifications.

### Rice Products

**Rice Bran** is the pericarp or bran layer of the rice, with only such quantity of hull fragments as is unavoidable in the regular milling of rice. (Adopted prior to 1928.) Standard: It must contain not less than 11 per cent of crude protein and 10 per cent of crude fat, and not more than 15 per cent of crude fiber.

**Rice Polishings** is a by-product of rice obtained in the milling operation of brushing the grain to polish the kernel. (Adopted 1938.) Standard: It must contain not less than 11 per cent of crude protein and 6 per cent of crude fat, and not more than 4 per cent of crude fiber.

**Rice Hulls** is the product consisting of the outer coverings of the rice. (Adopted prior to 1928.)

**Rice Meal** is ground brown rice or ground rice after the hull has been removed. (Adopted prior to 1928.)

**Ground Rough Rice** is ground rice from which the hull has not been removed or ground paddy rice. (Adopted prior to 1928.)

**Rice Stone Bran** is the siftings from the material secured in removing hulls from rice and contains rice germs, broken rice, and some rice hulls. (Adopted prior to 1928.)

**Rice Huller Bran** is a product secured by the huller and cones from brown rice and consists mostly of the bran and germs. (Adopted prior to 1928.)

### Screenings

**Screenings** consist of a mixture of mill or elevator run materials or a combination of varying amounts of materials obtained in the process of

cleaning grain or seed, either or both, such as inferior, light, or broken grain or seed, weed seeds, hulls, chaff, joints, straw, elevator dust, floor sweepings. They must be relatively free of unpalatable or injurious weed seeds, sand, and dirt. They must not contain more than 14 per cent of fiber or more than 6.5 per cent of ash. If they bear a name descriptive of their kind or origin, they must correspond thereto. (Adopted 1935.)

**Screenings**—Grain consist of inferior, light, or broken grain or seed obtained in the process of cleaning grain or seed or recleaning screenings, either or both. They must be relatively free of weed seeds, chaff, straw, hulls, joints, sand, and dirt, and other foreign materials. If they bear a name descriptive of their kind or origin, they must correspond thereto. (Adopted 1935.)

**Screenings Waste or Screenings Refuse** is a mixture of materials or a combination of varying amounts of materials obtained in the process of cleaning grain or seed, either or both, or recleaning screenings, such as weed seeds which may be unpalatable or injurious, chaff, hulls, straw, sticks, joints, elevator dust, floor sweepings, sand, and dirt. (Adopted 1935.)

**Scourings** consist of such portions of the cuticle, brush, white caps, dust, smut, and other materials as are separated from the grain in the usual commercial process of scouring. (Adopted prior to 1928.)

**NOTE**—If to any of the wheat by-product feeds there should be added screenings or scourings, as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as clearly to indicate this fact. The word "Screenings," or "Scourings," as the case may be, shall appear as part of the name or brand and shall be printed in the same size and face of type as the remainder of the brand name. When the word "Screenings" appears, it is not necessary to show also on the labeling the word "Scourings." (Adopted prior to 1928.)

The crude fiber standards as shown in the definitions for wheat products apply also if screenings are added. (Adopted 1937.)

### **Sorghum Products**

**Head Chop** is the product consisting of the entire heads of the grain sorghums, chopped, and should bear the name of the sorghum from which it is made. This includes, among others, kafir head chop, milo head chop, feterita head chop, and sorghum head chop. (Adopted prior to 1928.) (See Table 11 for standards.)

**Head Stems** is the product consisting of the stems from the heads of the grain sorghums after the grain has been removed, and should bear the name of the sorghum from which it is made. (Adopted prior to 1928.)

### **Soybean Products**

**Ground Soybeans** is the product obtained by grinding whole soybeans without cooking or removing any of the oil. (Adopted 1933.)



..... **Per Cent Protein Soybean Oil Cake** or ..... **Per Cent Protein Soybean Oil Chips** is the product after the extraction of part of the oil by pressure or solvents from soybeans. If a name descriptive of the process of manufacture such as expeller, hydraulic, or solvent extracted, be used, the product must correspond thereto. (Adopted 1937.)

..... **Per Cent Protein Soybean Oil Meal** is ground soybean oil cake or ground soybean oil chips. If a name descriptive of the process of manufacture, such as expeller, hydraulic, or solvent extracted, be used, the product must correspond thereto. (Adopted 1939.)

### Vitamins

**Cod Liver Oil** is the oil obtained from the livers of gadus morrhuae or other species of the family gadidae, either or both. It must contain not less than 850 U. S. P.<sup>1</sup> units of vitamin A and not less than 85 A. O. A. C.<sup>2</sup> chick units of vitamin D per gram. (Adopted 1937—Amended 1939.)

**Sardine Oil** or **Pilchard Oil** is the product obtained by extraction of part of the oil from the whole Pacific sardine or pilchard or from cannery refuse of this species of fish. (Adopted 1932.)

**Salmon Oil** is the product obtained by extraction of part of the oil from the cannery refuse of salmon. (Adopted 1932.)

**Tuna Oil** is the product obtained by extraction of part of the oil from the cannery refuse of tuna. (Adopted 1932.)

**Menhaden Oil** is the product obtained by extraction of part of the oil from whole menhaden. (Adopted 1932.)

**Herring Oil** is the product obtained by extraction of part of the oil from the whole herring or part of the herring. (Adopted 1933.)

**Salmon Liver Oil** is the product obtained by extraction of part of the oil from salmon livers. (Adopted 1933.)

**Stearine** is the solid material obtained by filtration from an animal or vegetable oil after chilling or freezing in the process of refining. When this product is sold as a feed, the term shall be prefixed by the name of the oil from which it is obtained. (Adopted 1934.)

**D Activated Animal Sterol** is a product which is obtained by activation of a sterol fraction of animal origin with ultra-violet light or other means. For label identification it may be followed with the parenthetical phrase "Vitamin D." (Adopted 1942.)

### Wheat Products

**Wheat Bran** is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling.

<sup>1</sup> United States Pharmacopoeia.

<sup>2</sup> Association of Official Agricultural Chemists.



(Adopted prior to 1928.) **Standard:** It must contain not less than 14.50 per cent of crude protein and 3 per cent of crude fat, and not more than 10 per cent of crude fiber.

**Wheat Red Dog** is a by-product obtained in the usual commercial process of flour milling, consisting principally of aleurone with small quantities of wheat flour and fine wheat bran particles and must not contain more than 4 per cent of crude fiber. (Adopted prior to 1928.)

**Wheat Brown Shorts** consists mostly of the fine particles of wheat bran, wheat germ, and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling. (Adopted prior to 1928.) **Standard:** It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 7.5 per cent of crude fiber.

**Wheat Gray Shorts (Total Shorts)** consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal, or fibrous material obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling. (Adopted prior to 1928.) **Standard:** It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 6 per cent of crude fiber.

**Wheat White Shorts** consists of a small portion of the fine wheat bran particles and the wheat germ and a large portion of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual process of flour milling. (Adopted prior to 1928.) **Standard:** It must contain not less than 14.5 per cent of crude protein and 3 per cent of crude fat, and not more than 3.5 per cent of crude fiber.

**Wheat Mixed Feed** consists of wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. (Adopted prior to 1928.) **Standard:** It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 8.5 per cent of crude fiber.

**Wheat Low-Grade Feed Flour** is a by-product obtained in the usual commercial process of flour milling, consisting principally of wheat flour with small quantities of aleurone and fine wheat bran particles and must not contain more than 1.5 per cent of crude fiber. (Adopted prior to 1928.)

**Wheat Chop** is the entire berry of sound wheat, chopped. **Standard:** It must contain not less than 12 per cent of crude protein and 2 per cent of crude fat, and not more than 3 per cent of crude fiber.

### Yeast

**Yeast** is a product composed of living or dead cells of *saccharomyces cerevisiae* with impurities not exceeding commercial grade; it shall contain at least 45 per cent of protein on the moisture-free basis. (Adopted 1938.)

**Irradiated Yeast** is yeast which has been subjected to ultra-violet rays in order to increase its antirachitic potency; it shall contain at least 45 per cent of protein on the moisture-free basis. (Adopted 1938.)

(NOTE)—If yeast or irradiated yeast consists of bakers' type yeast, the term "bakers' type" shall precede the word yeast; if it consists of brewers' type yeast, the term "brewers' type" shall precede the word yeast.

(NOTE)—When irradiated yeast is used as an ingredient of proprietary feeds for four-footed animals, the name may be followed by a parenthetical phrase "(source of Vitamin D<sub>2</sub>)."

### Miscellaneous Products

**Palm Kernel Oil Meal** is the ground residue from the extraction of part of the oil by pressure or solvents from the kernel of the fruit of *Elaeis guineensis* or *Elaeis melanococca*. (Adopted prior to 1928.)

**Ground Velvet Bean and Pod** is the product derived by grinding velvet beans with the pod. It contains no additional pods or other materials. (Adopted prior to 1928.)

**Velvet Bean Meal** is ground velvet beans containing only an unavoidable trace of hulls or pods. (Adopted prior to 1928.)

..... **Per Cent Protein Cocoanut Oil Meal** or ..... **Per Cent Protein Copra Oil Meal** is the ground residue from the extraction of part of the oil from the dried meat of the cocoanut. (Adopted prior to 1928.)

**Ivory Nut Meal** is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut. (Adopted prior to 1928.)

**Processed Garbage** is composed of dried animal and vegetable waste from garbage collected sufficiently often that harmful decomposition has not set in and separated from materials such as crockery and glass. Its odor must not be suggestive of the presence of decomposition and it must contain less than one per cent of glass. None of it shall contain knife-like or needle-like particles, and the maximum percentage of glass should be stated on the label when present in excess of one-fifth of one per cent. (Adopted prior to 1928.)

**Chop** is a ground or chopped feed composed of one or more different cereals or by-products thereof. If it bears a name descriptive of the kind of cereals, it must be made exclusively of the entire grains of those cereals. (Adopted prior to 1928.)

**Dried Beet Pulp** is the dried residue from sugar beets which have been cleaned and freed from crowns, leaves, and sand, and which have been extracted in the process of manufacturing sugar. (Adopted prior to 1928.)

**Iodized Salt** is common salt (NaCl) containing not less than 0.007 per cent of iodine, uniformly distributed. (Adopted 1942.)

**Dried Citrus Pulp** is the peel, pulp, rag, some seed, and occasional cull fruit of citrus fruit which has been ground, filter-pressed, and dried. It may or may not be partially neutralized with lime, the finished product to contain not more than 0.5 per cent of calcium (Ca). If it bears a name descriptive of the source, it must conform thereto. (Adopted 1939.)

**Feeding Cane Molasses** is a by-product of the manufacturing of cane sugar from cane and shall contain 48 per cent or more of total sugars expressed as invert sugar. Its solution in an equal weight of water shall test not less than 39.75 degrees Brix. (Adopted 1940.)

**Feeding Beet Molasses** is a by-product of the manufacture of beet sugar from sugar beets and shall contain 48 per cent or more of total sugars expressed as invert sugar. Its solution in an equal weight of water shall test not less than 39.75 degrees Brix. (Adopted 1941.)

**Feeding Corn Sugar Molasses** is a by-product of the manufacture of corn sugar from corn and shall contain 48 per cent or more of reducing sugars expressed as dextrose, and shall contain 60 per cent or more of total carbohydrates. Its solution in an equal weight of water shall test not less than 39.00 degrees Brix. (Adopted 1941.)

### TENTATIVE DEFINITIONS

These definitions have received favorable consideration, but are not official. They are subject to revision before final adoption.

**T-1. Vitamin A and D Feeding Oil** is either fish or fish liver oil or a blend of two or more of the following: Vitamin A and/or D concentrate, synthetic vitamin D, fish liver oil, fish oil, marine animal oil, or edible vegetable oil. The vitamin potency shall be stated in A. O. A. C. chick units of vitamin D and U. S. P. units of vitamin A per gram. (Proposed 1939—Amended 1941.)

(Note)—This is an emergency definition and can be used only for the calendar year 1943.

**T-2. Vitamin D Feeding Oil** is either fish or fish liver oil or a blend of two or more of the following: vitamin D concentrate, synthetic vitamin D, fish liver oil, fish oil, marine animal oil, or edible vegetable oil. The vitamin potency shall be stated in A. O. A. C. chick units of vitamin D per gram. (Proposed 1940—Amended 1941.)

(Note)—This is an emergency definition and can be used only for the calendar year 1943.

**T-3. Vitamin A Feeding Oil** is either fish or fish liver oil or a blend of two or more of the following: vitamin A concentrate, fish liver oil, fish oil, marine animal oil, or edible vegetable oil. The vitamin potency shall be stated in U. S. P. units of vitamin A per gram. (Proposed 1941.)

(Note)—This is an emergency definition and can be used only for the calendar year 1943.

**T-4. Fortified Cod Liver Oil** is a product consisting of cod liver oil mixed with a small amount of other fish oils or fish oil concentrates or vitamin D, so as to contain not less than 400 A. O. A. C. chick units of vitamin D per gram and shall be labeled with the minimum guaranty in U. S. P. vitamin units of A per gram. If any other oil is so fortified it shall bear a name descriptive of its origin (as Fortified Sardine Oil, Fortified Pilchard Oil, etc.). (Proposed 1937—Amended 1938, 1939, 1940.)

**T-5. Animal Liver Meal** is the product obtained by drying and grinding liver from slaughtered mammals. This product must contain at least 60 micrograms of riboflavin per gram. (Proposed 1941.)

**T-6. Animal Liver and Glandular Meal** is the product obtained by drying and grinding liver and other glandular tissue from slaughtered mammals. At least 50 per cent of the dry weight of the product must be derived from liver and the product must contain at least 40 micrograms of riboflavin per gram. (Proposed 1941.)

**T-7. Brewers' Dried Grains** is the dried solids of extracted barley malt or mixture with other extracted cereal grains and grain products, resulting from the manufacture of wort. (Suggested 1938—Proposed 1940.)

**T-8. Recleaned Malt Sprouts** is the product obtained after the removal of most of the malt hulls from malt sprouts, or the malt sprouts obtained by the first cleaning of malted barley produced in the drum method of malting. It shall contain not more than 2 per cent of malt hulls and not less than 28 per cent of protein. (Proposed 1941.)

**T-9. Flaked Corn** is the product obtained by running cracked corn which has been aspirated and properly tempered, over smooth flaking rolls and subsequently dried and cooled. (Proposed 1941.)

**T-10. Cotton By-Products Siftings** is a product consisting of a mixture of cotton leaves, cottonseed kernels and a small amount of burr and boll obtained from cleaning cotton waste from cotton lint, and shall contain at least 10 per cent of protein and not more than 20 per cent of crude fiber and 10 per cent of ash. (Proposed 1941.)

**T-11. Corn Distillers' Dried Grains with Solubles** is the dried residue obtained in the manufacture of alcohol and distilled liquors from corn, or from a grain mixture in which corn predominates, and contains the major portion of the condensed screened stillage dried therewith. (Proposed 1941.)

**T-12. Rye Distillers' Dried Grains with Solubles** is the dried residue obtained in the manufacture of alcohol and distilled liquors from rye, or from a grain mixture in which rye predominates, and contains the major portion of the condensed screened stillage dried therewith. (Proposed 1941.)

**T-13. Semi-Solid Corn Distillers' Grains with Solubles** is the residue



from the manufacture of alcohol and distilled liquor from corn, or from a grain mixture in which corn predominates, obtained by condensing to a syrupy consistency the entire stillage contained therein. (Proposed 1941.)

**T-14. Semi-Solid Rye Distillers' Grains with Solubles** is the residue from the manufacture of alcohol and distilled liquors from rye, or from a grain mixture in which rye predominates, obtained by condensing to a syrupy consistency the entire stillage contained therein. (Proposed 1941.)

**T-15. Semi-Solid Corn Distillers' Solubles** is the product obtained in the manufacture of alcohol and distilled liquors from corn, or from a grain mixture in which corn predominates, by condensing to a syrupy consistency the screened stillage obtained therefrom. (Proposed 1941.)

**T-16. Semi-Solid Rye Distillers' Solubles** is the product obtained in the manufacture of alcohol and distilled liquors from rye, or from a grain mixture in which rye predominates, by condensing to a syrupy consistency the screened stillage obtained therefrom. (Proposed 1941.)

**T-17. Dried Corn Distillers' Solubles** is the product obtained by drying Semi-Solid Corn Distillers' Solubles. (Proposed 1941.)

**T-18. Dried Rye Distillers' Solubles** is the product obtained by drying Semi-Solid Rye Distillers' Solubles. (Proposed 1941.)

**T-19. Ground Flaxseed or Flaxseed Meal** is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; the final product must contain less than 6 per cent of weed seeds and other foreign materials, and, provided further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added. (Proposed 1941.)

**T-20. .... Per Cent Protein Linseed Oil Cake or .... Per Cent Protein Linseed Oil Chips** is the product obtained after the removal of part of the oil from ground flaxseed as described above. It shall contain not more than 0.5 per cent of acid insoluble ash. If a name descriptive of the process of manufacture, such as hydraulic, mechanical, or solvent extracted be used, the product must correspond thereto. (Proposed 1941.)

**T-21. .... Per Cent Protein Linseed Oil Meal** is finely ground Linseed Oil Cake or finely ground Linseed Oil Chips. (Proposed 1941.)

**T-22. .... Per Cent Protein Linseed Cubes or Pellets**, processed through a cubing or pelleting machine, must be firm but not flinty, of sweet odor, free of mold, and when ground must produce Linseed Oil Meal as defined above. (Proposed 1941.)

**T-23. Flaxseed Screenings Oil Feed** is the ground product obtained after extraction of part of the oil by crushing, cooking, and hydraulic or mechani-



cal pressure, or by crushing, heating and the use of solvents, from the smaller imperfect flaxseed, weed seeds and other foreign materials having feeding value, separated in cleaning flaxseed. (Proposed 1941.)

**T-24. .... Per Cent Protein Linseed Feed** is a mixture of Linseed Oil Meal with flaxseed Screenings Oil Feed, or other flaxseed by-products or both. (Proposed 1941.)

**T-25. Flax Plant By-Product** is that portion of the flax plant remaining after the separation of the seed, the bast fibre, and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem. (Proposed 1941.)

**T-26. Condensed Whey** is the product resulting from the removal of a considerable portion of water from clean, sound cheese or casein whey, either or both. It contains not less than 62 per cent of total solids. (Suggested 1939—Proposed 1942.)

**T-27. Condensed Whey .... Per Cent Solids** is the product resulting from the removal of a considerable portion of water from clean, sound cheese or casein whey, either or both. It contains more than 27 per cent of total solids. (Suggested 1939—Proposed 1941.)

**T-28. Dried Whey Solubles** is the product resulting from the removal of albumen and the partial removal of milk sugar from clean, sound whey, to which no foreign substances have been added except such as are necessary in the manufacture of milk sugar. (Proposed 1941.)

**T-29. Condensed Whey Solubles** is the product resulting from the removal of albumen and the partial removal of milk sugar from clean, sound whey, to which no foreign substances have been added except such as are necessary in the manufacture of milk sugar. This product shall contain at least 50 per cent of total solids. (Proposed 1941.)

**T-30. Dried Milk By-Product** is a designation which may be used in the list of ingredients of a mixed feed to indicate the presence of dried skimmed milk, dried buttermilk, or dried whey, or a blend of two or more of these products. (Proposed 1941.)

(NOTE)—This is an emergency definition and can be used only for the calendar year 1943.

**T-31. Commercial Wheat Germ Meal** is a commercial product obtained in the grinding of wheat, composed chiefly of wheat germs together with some bran and middlings or shorts and shall contain not less than 25 per cent of protein and 9 per cent of fat. (Proposed 1941.)

**T-32. Wheat Germ Oil Cake** is the cake secured in the removal of part of the oil from commercial wheat germs and shall contain not less than 29 per cent of protein. (Proposed 1941.)

**T-33. Wheat Germ Oil Meal** is ground wheat germ oil cake. (Proposed 1941.)

(Note)—If any wheat or wheat by-product feeds shall be wholly or partly degermed, such products shall be registered, labeled, and sold as to clearly indicate this fact.

**T-34. Sweet Potato Pulp** is the dried residue remaining as a by-product in the process of separation of the starch in its manufacture from sweet potatoes. (Proposed 1938.)

**T-35. Ground Peanut Vine Hay** is the ground product obtained after the separation of peanuts from peanut vines and contains all or a large portion of the leaves and vines. (Proposed 1941.)

**T-36. Ground Peanut Vine Stem Hay** is the ground product obtained after the separation of peanuts from peanut vines from which practically all of the leaves have been removed and only vines and stems remain. (Proposed 1941.)

**T-37. Defluorinated Phosphate** is a product obtained by processing phosphate rock so that the fluorine content is reduced below a toxic level. (Proposed 1942.)

**T-38. Yeast** is the cells of an organism of the botanical classification "*saccharomyces cerevisiae*." (Proposed 1942.)

**T-39. Mineral Feeds**—(NOTE)—When the word "Iodized" is used in connection with a feed ingredient, the ingredient shall contain not less than 0.007 per cent of iodine uniformly distributed. (Proposed 1942.)

### MINERAL FEEDS

Mixed feeds containing both feed and more than 5 per cent of mineral ingredients require, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the minimum percentages of calcium (Ca), phosphorus (P), iodine (I), and the maximum percentage of salt (NaCl) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

In mineral feeds for which no nutritional properties other than those of a mineral nature are claimed, the usual chemical guaranties need not be declared. A declaration should be made of each ingredient contained therein and the minimum percentages of calcium (Ca), phosphorus (P), iodine (I), and the maximum percentage of salt (NaCl) if same be present.

The mineral ingredients should be stated in the common English terms, if any such terms exist.

RECOGNIZED ENGLISH NAME AND ENGLISH SYNONYM, IF ANY	ARTICLE OR SUBSTANCE INDICATED BY THE NAME AND SYNONYM
Capsicum; Red Pepper	The dried, ripe fruit of any species of Capsicum.
Cupric Sulphate; Copper Sulphate	Crystallized copper sulphate with impurities not exceeding commercial grade.
Ferric Oxide; Red Oxide of Iron	Ferric oxide with impurities not exceeding commercial grade.
Ferrous Sulphate	Crystallized ferrous sulphate with impurities not exceeding commercial grade.
Dextrose	A refined, crystallized sugar obtained chiefly by the hydrolysis of starch or of a starch-containing substance.
Glucose	A syrup obtained by the incomplete hydrolysis of starch or of a starch-containing substance.
Lactose; Milk Sugar	A sugar obtained from cow's milk.
Magnesium Sulphate; Epsom Salts	Magnesium sulphate with impurities not exceeding commercial grade.
Potassium Bitartrate; Cream of Tartar	Potassium bitartrate with impurities not exceeding commercial grade.
Potassium Nitrate; Saltpeter	Potassium nitrate with impurities not exceeding commercial grade.
Sodium Nitrate; Chile Saltpeter	Sodium nitrate with impurities not exceeding commercial grade.
Sodium Bicarbonate	Sodium bicarbonate with impurities not exceeding commercial grade.
Sodium Chloride; Common Salt	Sodium chloride with impurities not exceeding commercial grade.
Sodium Sulphate; Glauber's Salt	Sodium sulphate with impurities not exceeding commercial grade.
Sulphur	Sulphur with impurities not exceeding commercial grade.
Calcium Phosphate	Tricalcium salt of phosphoric acid with impurities not exceeding commercial grade.

RECOGNIZED ENGLISH NAME  
AND ENGLISH SYNONYM,  
IF ANYARTICLE OR SUBSTANCE INDICATED BY THE NAME  
AND SYNONYM

Dicalcium Phosphate	Dicalcium salt of phosphoric acid with impurities not exceeding commercial grade.
Bone Ash	The ash obtained by burning bones with free access of air and containing 15.3—16.6% P.
Precipitated Calcium Carbonate; Precipitated Chalk	Precipitated calcium carbonate with impurities not exceeding commercial grade.
Rock Phosphate	Ground phosphate rock of commercial grade.
Phosphatic Limestone	Ground phosphate-containing limestone of commercial grade.
Limestone; Calcite	Ground calcium limestone of commercial grade.
Dolomitic Limestone; Dolomite	Ground calcium-magnesium limestone of commercial grade.
Shell	Ground shells of oysters or of other mollusks.
Oyster Shell	Ground shells of oysters.

(Adopted 1935.)

Mineral feeds must be registered and labeled according to the specifications shown above. During the past year we have analyzed thirty-eight samples of mineral feed and the results appear in Table 12.

Table 12. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1942, to August 31, 1943

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	Calcium (Ca)	Phosphorus (P)	Iodine (I)	Salt (NaCl)	
Brownwood Cotton Oil Mill, Brownwood, Texas. Cotton Bloom Brand Mineral Supplement for Livestock..... Analysis.....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	15.8 20.1	3.4 3.7	..... .....	50.0 41.2	310A6 484S
Byrd & Company, H. O., San Angelo, Texas. Byrd's Mineral Mixture..... Analysis.....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	15.0 14.0	3.0 1.0	..... .....	50.0 60.7	1568A 473S
Castro County Grain Company, Inc., Dimmitt, Texas. Texas Pride Brand Mineral Mix..... Analysis.....	2.50 3.35	..... .....	..... .....	..... .....	..... .....	..... .....	16.0 17.8	2.5 2.4	0.019 .....	45.0 43.9	2123A3 326K
Chic-O-Line Feed Mills, Hobart, Oklahoma. Chic-O-Line Mineral Mixture..... Analysis.....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	20.3 19.5	4.3 3.8	Trace .....	33.4 46.4	1878A3 378K
Consolidated Chemical Industries, Inc., Texas Division, Houston, Texas. Texas Lone Star 25% Protein New Process Steamed Bone Meal..... Analysis.....	25.00 26.05	0.20 3.12	3.00 2.33	0.00 3.00	..... 7.48	..... 58.02	19.3 22.1	10.0 10.2	..... .....	..... .....	1718A 24M
Cudahy Packing Company, The, Chicago, Illinois. Cudahy's All-Purpose Mineral Feed with Iodine..... Analysis <sup>a</sup> ..... Cudahy's All-Purpose Mineral Feed Analysis <sup>a</sup> ..... Analysis <sup>1</sup> .....	..... 3.00 10.13 3.00 15.80	..... ..... ..... ..... .....	..... ..... ..... ..... .....	..... ..... ..... ..... .....	..... ..... ..... ..... .....	..... ..... ..... ..... .....	..... 25.0 25.4 25.0 22.9	6.0 6.0 7.1 6.0	0.06 ..... 0.06 .....	10.0 8.2 10.0 7.5	2023D 3S 2023D 576K
Economy Mills, Lubbock, Texas. Master Brand Mineral Mixture for Hogs..... Analysis <sup>a</sup> .....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	18.3 25.7	1.8 3.5	..... .....	20.0 2.4	1099D7 295K



Master Brand Min-I-Mix Mineral Mixture..... Analysis <sup>a</sup> .....	.....	.....	.....	.....	.....	15.5 20.9	1.5 2.4	.....	50.0 45.0	1099G5 306K
Hardeman-King Company, Amarillo, Texas. Range Mineral..... Analysis.....	.....	.....	.....	.....	.....	12.4 16.9	2.2 3.0	0.019	53.0 46.8	847G8 212K
International Mineral and Chemical Corporation, Chicago, Illinois. Defluorophos Brand Defluorinated Phosphate..... Analysis..... Analysis..... Analysis <sup>a</sup> .....	.....	.....	.....	.....	.....	26.5 27.5 31.3 32.0	13.0 12.0 14.1 13.7	.....	.....	1551A 1551A 295S 462S
Lamkin Brothers, Brownwood, Texas. Giltege Brand Mineral Mixture..... Analysis.....	.....	.....	.....	.....	.....	14.0 15.8	1.0 .5	.....	58.0 53.4	1822N 483S
Light Grain & Milling Company, The, Liberal, Kansas. Mineral Feed..... Analysis..... Red Diamond Mineral for Hogs..... Analysis.....	.....	.....	.....	.....	.....	16.9 18.9 27.4 29.1	1.3 1.8 3.9 3.9	..... ..... 0.015	50.0 51.0 20.0 17.5	152Y 18K 152C3 468K
Martin-Lane Company, Vernon, Texas. Martin's Crown Quality Brand Mineral Feed containing Yeast..... Analysis <sup>a</sup> .....	4.20 4.30	.....	.....	.....	.....	15.8 21.7	2.5 2.3	0.026	6.8 5.7	1902B5 105K
Morton Salt Company, Chicago, Illinois, and Branches. Salt and Monocalcium Phosphate..... Analysis.....	.....	.....	.....	.....	.....	2.5 2.4	2.9 2.5	.....	87.0 88.6	1414B 13K
Nelson Grain Company, Claude, Texas. Mineral Supplement..... Analysis.....	6.20 5.83	.....	.....	.....	.....	13.8 16.2	2.5 2.2	.....	49.0 49.3	1830L 153K

<sup>1</sup>Blood flour found, not claimed.<sup>a</sup>Not tagged, but tags furnished. Amount in stock removed from sale until tagged.<sup>c</sup>Registration adjusted.<sup>d</sup>Obsolete tag attached.

Table 12. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	Calcium (Ca)	Phosphorus (P)	Iodine (I)	Salt (NaCl)	
<b>Park, Inc., Philip R., San Pedro, California.</b>											
1943 Regular Manamar.....	40.00	3.00	5.00	12.00	.....	.....	3.0	1.5	.....	.....	2025A
Analysis <sup>a</sup> .....	43.17	3.76	5.24	15.35	13.34	19.14	4.0	2.1	.....	.....	264S
Analysis.....	43.69	4.54	5.95	14.81	11.88	19.13	3.3	1.8	.....	.....	543S
Analysis.....	46.28	4.40	7.36	14.59	12.64	14.73	2.8	1.6	.....	.....	279T
Hog Manamar.....	35.00	3.00	4.50	12.00	.....	.....	5.0	1.5	0.019	.....	2025D
Analysis.....	37.28	4.83	4.27	17.49	11.46	24.67	6.0	1.7	.....	.....	84K
<b>Pincoffs Company, Maurice, Houston, Texas.</b>											
Special Steamed Bone Meal.....	5.00	0.30	2.00	0.00	.....	.....	30.0	14.0	.....	.....	1244U
Analysis.....	10.22	.49	.69	5.26	7.40	75.94	28.0	12.9	.....	.....	252H
<b>Pratt Food Company, Hammond, Indiana.</b>											
Pratt's Trace Mineral Supplement.....	.....	.....	.....	.....	.....	.....	18.0	.....	0.27	.....	2666D
Analysis.....	.....	.....	.....	.....	.....	.....	26.6	.....	.....	.....	2666D
<b>Shellbuilder Company, Houston, Texas.</b>											
Improved Shellbuilder Mineral Supplement for Livestock.....	.....	.....	.....	.....	.....	.....	13.0	3.0	.....	50.0	762A
Analysis.....	.....	.....	.....	.....	.....	.....	15.1	3.3	.....	45.0	407M
<b>Standard Milling Company, The, Lubbock, Texas.</b>											
Stanton's Big 4 Mineral Mixture.....	15.70	.....	.....	.....	.....	.....	15.2	2.8	0.007	25.0	1430C3
Analysis.....	11.90	.....	.....	.....	.....	.....	18.2	2.1	.....	26.7	200K
<b>Sweetwater Cotton Oil Company, Sweetwater, Texas.</b>											
Midland Special Mineral Feed.....	.....	.....	.....	.....	.....	.....	14.5	2.5	.....	45.0	2278D6
Analysis.....	.....	.....	.....	.....	.....	.....	15.3	2.5	.....	47.7	28S
<b>Swift &amp; Company, Chicago, Illinois, and Branches.</b>											
Swift's 5% Protein Special Steamed Bone Meal.....	5.00	0.00	3.00	4.00	.....	.....	25.1	13.0	.....	.....	270N
Analysis.....	11.91	5.12	1.44	5.32	2.77	73.44	28.1	13.0	.....	.....	180K

Swift's 25% Protein Feeding Raw Bone Meal.....	25.00	0.60	3.00	0.00	.....	.....	19.3	10.0	.....	.....	270O
Analysis.....	27.10	4.00	1.47	2.66	7.52	57.25	21.8	10.0	.....	.....	406K
Texas Stockmen's Supply Company, San Angelo, Texas.											
Mineral Mixture.....							9.3	1.0	.....	50.0	1043A
Analysis.....							11.9	2.0	.....	50.4	469S
Transit Grain & Commission Company, Fort Worth, Texas.											
Vit-A-Way Brand Mineral Fortifier.....							27.5	6.0	0.076	.....	1839D5
Analysis.....							28.1	5.2	.....	.....	42K
Analysis.....							29.9	3.7	.....	1.8	426M
Analysis.....							27.9	5.5	.....	.....	78S
Universal Mills, Fort Worth, Texas.											
Red Chain Hog Mineral.....							20.0	4.8	0.009	5.0	2635M4
Analysis.....							21.6	4.6	.....	4.9	392K
Ward & Company, Montgomery, Chicago, Illinois.											
Ward's All-Purpose Mineral.....							21.0	3.5	0.05	10.0	1936A
Analysis <sup>a 2</sup> .....							20.8	3.6	.....	10.5	1936A
Ward's Mineral for Hogs.....							20.0	3.0	0.05	7.5	1936B
Analysis <sup>a 2</sup> .....							21.2	3.8	.....	13.0	1936B
Ward's Mineral for Cattle.....							22.0	4.0	0.06	10.0	1936C
Analysis <sup>a 2</sup> .....							21.1	4.9	.....	9.6	1936C

<sup>a</sup>Not tagged, but tags furnished. Amount in stock removed from sale until tagged.

<sup>a</sup>Registration adjusted.

<sup>2</sup>Adulterated with rock phosphate.

## RESOLUTIONS ADOPTED BY THE ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS, INC.

The following resolutions have been adopted by the Association of American Feed Control Officials, Inc.:

Resolved, That it is the sense of this Association that we understand the term "Nitrogen-free Extract" to cover the product indicated by the percentage obtained by subtracting from 100 per cent the sum of the percentages of Ash, Moisture, Protein, Fat, and Fiber; (Adopted prior to 1923.)

Resolved, That the term "Carbohydrates" be interpreted to cover the product indicated by the percentage obtained by the addition of the percentages of crude fiber and nitrogen-free extract; (Adopted prior to 1923.)

Resolved, That it is the sense of this Association that a ton of feed be 2,000 pounds, net; (Adopted prior to 1923.)

Resolved, That this Association go on record as opposing the use of second-hand bags unless they are turned wrong side out so that the original stenciling will not be displayed; (Adopted prior to 1923.)

Resolved, That this Association go on record to the effect that the term "cracked corn" does not apply to degermed cracked corn; (Adopted prior to 1923.)

Resolved, That this Association go on record as condemning the practice of packing feeding stuffs in bags containing 99 pounds net and billing and charging for 100 pounds net; (Adopted 1923.)

Resolved, That it is the sense of this Association that no product sold under a trade or proprietary name be recognized for the purpose of formulating definitions, standards, etc.; (Adopted 1927.)

Resolved, That all mixtures containing mineral ingredients generally regarded as dietary factors essential for the normal nutrition of animals and which are sold or represented for the primary purpose of supplying these minerals as additions to rations in which these same mineral factors may be deficient, be classified as mineral feeds;

Resolved, That all other preparations which are sold or represented primarily for the cure, mitigation, or prevention of disease be classified by this Association as drugs, medicines, or specifics; (Adopted 1926.)

Resolved, (a) That it is the sense of this Association that the names of feed materials or their combinations must not be misleading as to the kind, character, and nature of the material or materials;

(b) That the name of each feed material should be stated in its simplest form and in the common English term, if such term exists, omitting all superfluous or ambiguous words;

(c) That if a descriptive name is used, the material must correspond thereto; (Adopted 1930.)

Resolved, That this Association go on record as disapproving the use of artificial colors in the manufacture of feedstuffs, excepting use of a Federal F. D. & C.\* certified dye or dyes solely to indicate the distribution of a valuable ingredient or ingredients. The dye or dyes shall not affect the natural color of the treated feedstuff. (Adopted 1931—Amended 1939.)

Resolved, That any material sold primarily as a vitamin D supplement for poultry shall be labeled with a minimum guarantee of vitamin D potency expressed as Association of Official Agricultural Chemists' chick units of vitamin D per gram, determined according to the tentative procedure adopted by the Association of Official Agricultural Chemists and assuming that one U. S. P. unit of vitamin D in the U. S. Pharmacopoeia "Reference Cod Liver Oil" equals one Association of Official Agricultural Chemists' chick unit. (Adopted 1933; Amended 1935, 1936.)

Resolved, That no tentative definition be used until adopted as official, unless in accord with the specific action of this Association. (Adopted 1933.)

Resolved, That the Association of American Feed Control Officials, Inc., request the cooperation of all recognized feed manufacturing associations in submitting for approval any contemplated changes in definitions of feeding stuffs which in any way conflict with the official definitions as adopted by this organization.

It is also requested that wherever practicable any existing conflicting definitions be changed to conform to the official definitions. (Adopted 1934.)

Whereas, Many States which have adopted the Association's definitions for cottonseed products require that a guarantee of crude fat and crude fiber content in cottonseed meal be made, therefore, for the sake of uniformity of labels and registration, and in such cases where there is no conflict with existing feed laws,

Be it Resolved, That the following guarantee of crude fat and crude fiber be recommended:

	Crude Fat Not less than	Crude Fiber Not more than
For 36% Protein Cottonseed Meal	4.50%	16.00%
For 41% Protein Cottonseed Meal	5.00%	13.00%
For 43% Protein Cottonseed Meal	5.20%	12.00%

(Adopted 1934.)

Since the term "carbohydrates" is misleading and combines a maximum guarantee of crude fiber with a minimum guarantee of nitrogen-free extract,

\*Food, Drug, and Cosmetic



Be It Resolved, That the use of the term "carbohydrates" on the uniform registration blank and uniform tags be discontinued. (Adopted 1935.)

Resolved, That it is the sense of this Association that when water is added in the preparation of canned foods for domestic animals, the word "water" shall be listed as an ingredient. (Adopted 1938.)

Whereas, Many States which have adopted the Association's definitions for peanut products require that a guarantee of crude fat and crude fiber content in peanut oil meal be made, therefore, for the sake of uniformity of labels and registration, and in such cases where there is no conflict with existing feed laws,

Be It Resolved, That the following guarantees of crude fat and crude fiber be recommended:

	Crude Fat Not less than	Crude Fiber Not more than
For 41% Protein Peanut Oil Meal	5.00%	16.00%
For 45% Protein Peanut Oil Meal	5.50%	14.00%
For 48% Protein Peanut Oil Meal	6.00%	10.00%

(Adopted 1939.)

Resolved, That the same feeds in pellet and in meal form shall not be charged more than one registration fee. (Adopted 1939.)

Resolved, When feeding stuffs carry label information on both tag and bag, there shall be no difference with respect to name, ingredients and guaranteed composition. (Adopted 1939.)

Resolved, That this Association go on record as condemning the use of the word "vitamin" or a contraction thereof, or any word suggesting vitamin in a brand name of a feed, and as opposing the acceptance of registrations of feeds under names which are in conflict with this resolution excepting for materials represented solely to be vitamin supplements. Such supplementary material shall be labeled as prescribed by this Association. (Adopted 1939.)

Be It Resolved, That urea and ammonium salts of carbonic acid are acceptable ingredients in proprietary cattle, sheep and goat feeds only; that these materials shall be considered to be adulterants in proprietary feeds for other animals and birds; that the protein equivalent of combined urea and ammoniacal nitrogen be no greater than one-third of the total crude protein nitrogen; and that the following statement of guarantee of crude protein for feeds containing these materials be recommended:

Crude Protein, not less than ..... per cent.

(This includes ..... per cent equivalent crude protein from non-protein nitrogen.) (Adopted 1941.)

Resolved, That in order to promote greater uniformity and more effective enforcement of the respective State feed laws, members are requested to submit newly proposed regulations to the States Relations Committee for the consideration and helpful assistance of that committee. (Adopted 1942.)

Resolved, That when the term "with iodide" is used as a part of the brand or trade name on the label of proprietary feeds, designed for livestock and poultry feeding, such feeds shall contain a minimum of 0.00007 per cent of iodine. This amount of iodine is equivalent to the addition to a feed of 1.0 per cent of iodine carrier or mixture containing a minimum of 0.007 per cent of iodine, or its equivalent of 0.01 per cent of potassium iodide. (Adopted 1942.)

(NOTE)—This Resolution in effect for the year 1943 only.

### TENTATIVE GUARANTIES FOR FEEDS AND ANALYSES FOR CALCULATION PURPOSES

Table 13 shows tentative guaranties for the convenience of manufacturers in registering feeding stuffs for sale in Texas and also analyses which can be used in calculating guaranties of mixed feeds. There will be no objection if manufacturers wish to register under better guaranties if the quality of the feeds justify this action. It is to be understood, however, that manufacturers are responsible for their guaranties and that the Division of Feed Control Service accepts no responsibility for feeds failing to meet the guaranties.

Table 13. Tentative Guaranties and Analyses

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen- free Ex- tract not less than Per Cent
Chopped Alfalfa.....	13.00	1.50	33.00	35.00
Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00
Alfalfa Meal.....	13.00	1.50	33.00	35.00
Alfalfa Stem Meal.....	9.00	0.80	40.00	30.00
Whole Barley Chop.....	11.00	1.50	6.00	65.00
Hulled Barley.....	10.00	2.50	2.50	72.00
Dried Beet Pulp.....	8.00	0.50	22.00	52.00
Blood Meal.....	80.00	1.00	2.00	3.00
Raw Bone Meal.....	23.00	2.00	5.00	0.00
Special Steamed Bone Meal.....	5.00	0.00	3.00	4.00
Brewers' Dried Grains.....	21.00	6.00	18.00	40.00
Buckwheat.....	10.00	2.50	10.00	62.00
Dried Buttermilk.....	32.00	5.00	1.00	35.00
Cocoonut Oil Meal.....	20.00	6.00	12.00	40.00
Corn Bran.....	8.00	5.00	12.00	60.00
Corn Chop.....	9.00	3.50	3.00	70.00
Ear Corn Chop.....	8.20	3.20	8.00	64.00
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00
Corn Cobs.....	2.00	0.50	34.00	50.00
Corn Feed Meal.....	8.00	3.00	3.00	67.00
Corn Germ Meal.....	18.00	7.00	9.00	50.00
Corn Gluten Feed.....	23.00	2.50	7.00	50.00
Corn Gluten Meal.....	40.00	1.00	4.00	40.00
Cotton Burs.....	8.00	2.00	30.00	44.00
45% Protein Cottonseed Cake.....	45.00	6.00	10.00	22.00
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	23.00
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00
Cottonseed Chop.....	20.00	17.00	20.00	25.00

Table 13. Tentative Guaranties and Analyses—Continued

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen- free Ex- tract not less than Per Cent
41.12% Protein Cottonseed Feed.....	41.12	5.00	14.00	26.00
38.56% Protein Cottonseed Feed.....	38.56	5.00	18.00	27.00
36% Protein Cottonseed Feed.....	36.00	5.00	22.00	28.00
Cottonseed Hulls.....	4.00	0.70	44.00	40.00
45% Protein Cottonseed Meal.....	45.00	6.00	10.00	22.00
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00
25% Protein Whole-Pressed Cottonseed.....	25.00	6.00	25.00	29.00
Kammer Chop.....	11.00	1.50	10.00	63.00
Feterita Chop.....	11.00	2.80	3.00	69.00
Feterita Head Chop.....	10.00	2.50	8.00	64.00
Feterita Head Stems.....	5.00	1.00	25.00	53.00
Feterita Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00
Fish Meal.....	60.00	5.00	1.00	1.00
Flax Plant By-Product.....	8.00	4.00	35.00	35.00
Flaxseed.....	22.00	32.00	7.00	23.00
South Texas Prairie Hay.....	4.00	2.00	30.00	47.00
Hegari Chop.....	10.00	2.50	3.00	70.00
Hegari Head Chop.....	8.50	2.50	8.00	65.00
Hegari Head Stems.....	5.00	1.00	25.00	53.00
Hegari Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00
Hominy Feed.....	10.00	5.00	7.00	60.00
Kafir Chop.....	10.00	2.50	3.00	70.00
Kafir Head Chop.....	8.50	2.50	8.00	65.00
Kafir Head Stems.....	5.00	1.00	25.00	53.00
Kafir Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00
34% Protein Linseed Meal.....	34.00	6.00	9.00	35.00
32% Protein Linseed Meal.....	32.00	6.00	9.00	35.00
Meat and Bone Scraps.....	50.00	6.00	3.00	0.00
Mesquite Beans with Pod.....	12.50	2.00	27.50	48.00
Dried Skimmed Milk.....	34.00	0.20	0.00	50.00
Millet Seed.....	11.00	4.00	10.00	57.00
Milo Chop.....	10.00	2.50	3.00	70.00
Milo Head Chop.....	8.50	2.50	8.00	65.00
Milo Head Stems.....	5.00	1.00	25.00	53.00
Milo Heads, Stalks and Stems.....	6.50	1.90	20.00	55.00
Beet Molasses.....	3.50	0.00	0.00	59.00
Cane Molasses.....	2.40	0.00	0.00	65.00
Clipped Oat By-Product.....	6.00	2.00	30.00	35.00
Whole Oat Chop.....	11.00	4.00	12.00	58.00
Oat Groats.....	16.00	6.00	1.50	65.00
Oat Hulls.....	3.00	1.00	30.00	51.00
Oat Meal, Feeding.....	14.50	6.00	4.00	60.00
Oat Mill Feed.....	6.00	2.00	26.00	50.00
Oat Shorts, or Middlings.....	15.00	6.00	1.00	65.00
Oat Straw.....	3.50	2.30	36.80	40.50
45% Protein Peanut Cake.....	45.00	6.00	10.00	23.00
43% Protein Peanut Cake.....	43.00	6.00	12.00	23.00
Peanut Hay.....	10.00	3.50	24.00	44.00
Peanut Hay with Nuts.....	12.00	12.00	25.00	30.00
Peanut Hulls.....	8.00	1.50	55.00	25.00
Peanut Kernels.....	26.00	44.00	3.00	17.00
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00
36% Protein Whole-Pressed Peanuts.....	36.00	6.00	22.00	20.00
34% Protein Whole-Pressed Peanuts.....	34.00	6.00	24.00	20.00
Canadian Peas.....	24.00	1.20	5.00	55.00
Cleaned Rice.....	9.00	1.00	1.00	77.00
Rough Rice.....	7.00	1.80	10.00	63.00
Rice Bran.....	11.00	10.00	15.00	42.00
Rice Hulls.....	3.00	0.50	36.00	30.00
Rice Polishings.....	11.00	6.00	4.00	55.00
Rice Screenings.....	9.00	3.00	6.00	50.00
Rye Chop.....	10.00	1.50	2.00	72.00
Soybean Oil Meal.....	41.00	6.00	6.00	28.00
Sunflower Seed.....	16.00	21.00	30.00	21.00
Digester Tankage.....	60.00	5.00	3.00	0.00
Velvet Bean Meal.....	22.00	4.50	4.00	51.00
Velvet Beans with Pod.....	17.00	3.50	17.00	48.00
Wheat Bran.....	14.50	3.00	10.00	50.00
Wheat Chop.....	12.00	2.00	3.00	70.00

Table 13. Tentative Guaranties and Analyses—Continued

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen- free Ex- tract not less than Per Cent
Wheat Low-Grade Feed Flour.....	14.00	1.50	1.50	70.00
Wheat Red Dog Flour.....	15.00	2.50	4.00	65.00
Wheat Germ.....	30.00	10.00	2.50	45.00
Wheat Mixed Feed.....	16.00	3.50	8.50	52.00
Wheat Screenings.....	12.50	2.50	6.00	65.00
Wheat Brown Shorts.....	17.50	4.50	7.50	53.00
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00
Wheat White Shorts.....	14.50	3.00	3.50	60.00
Wheat Straw.....	3.00	1.40	37.90	44.00

### PURPOSE OF THE TEXAS FEED LAW

The purpose of the Texas Feed Law is to afford protection to manufacturers and purchasers of feeding stuffs in the State of Texas.

Through the rigid enforcement of the law the Division of Feed Control Service furnishes protection against adulterated feed, which has caused many low-grade feeds to be withdrawn from the market. Consumers have become better acquainted with the value of various materials used for feeding animals, and they are enabled to purchase feeds more profitably than before the feed law was enacted. By comparing the ingredients, analyses, and prices of various feeds, the purchaser is enabled to determine for himself which feeding stuff is best suited for his particular need. If he should have any difficulty in this regard, he may write to the Division for additional information.

The honest manufacturer of feeding stuffs is protected by the development and impartial enforcement of uniform standards and definitions which have a tendency to eliminate unfair competition. Every manufacturer is expected to comply with the law, not only for the sake of compliance, but because in the long run it is the wiser course. The manufacturer who habitually complies with the law has the confidence of the consumers of the feed and the public in general and avoids the unnecessary expense and the unsavory reputation incident to prosecution for violation.

The following summary of the Texas Feed Law is given for the information of those who are not thoroughly familiar with its provisions:

### CHIEF REQUIREMENTS OF THE TEXAS FEED LAW

#### 1. (a) Feeding stuffs covered by the law:

All materials offered or exposed for sale, or distributed or sold for feeding purposes except those especially excluded.

#### (b) Feeding stuffs not covered by the law:

Hay and straw, whole seeds or grains of wheat, barley, rye, oats, Indian corn, rice, buckwheat, or broom corn; any other whole or unground grains or seeds.



2. Statements to be printed on official tags securely attached to bags:

- (a) Net weight of package.
- (b) Name of feeding stuff.
- (c) Name and address of manufacturer or importer.
- (d) Place of manufacture.
- (e) Minimum percentage of crude protein.
- (f) Minimum percentage of crude fat.
- (g) Minimum percentage of nitrogen-free extract.
- (h) Maximum percentage of crude fiber.
- (i) Names of ingredients (if a mixed feed).
- (j) Percentage of each ingredient when rice hulls, peanut hulls, corn cobs, oat hulls, cottonseed hulls, or similar substances are present in a mixed feed.

A copy of the Texas Feed Law will be sent to interested persons on request.

### RULINGS UNDER THE LAW

The Director of the Texas Agricultural Experiment Station is empowered to adopt such regulations as may be necessary for the enforcement of the Texas Feed Law. In accordance with this provision, regulations have been promulgated and printed in Circular No. 58, Revised, a copy of which will be gladly furnished upon request.

### REFUNDS

The Texas Feed Law makes no provision for the payment of refunds to cover deficiencies and although this practice often shows the good intention of the manufacturer, the payment of such refunds will have no bearing on any subsequent action which may be taken in case of violation of the law. The law does not contemplate that the purchaser of a feeding stuff should be required to have an analysis made in order to secure protection. When refunds are paid, manufacturers should always notify the Division to this effect so that proper credit may be given in the table of inspection results, and dealers will be required to prorate them to the purchasers so that the consumers may receive the benefit.

The amount of refund to be paid may be found by dividing the cost per ton by the protein guaranty which will give the cost of 1 per cent of protein. Multiply the result found by the per cent of deficiency and then multiply this figure by the total number of tons purchased.

Example: A shipment consisting of thirty tons of 43% Protein Cottonseed Meal is purchased for \$38.00 per ton. The deficiency in protein is 2 per cent. What is the amount of refund due?

$$\begin{array}{r} 38.00 \\ \hline \times 2 \times 30 = \$52.98 \\ 43 \end{array}$$



If a refund has been paid during the past year by any given manufacturer and Table 16 does not show this fact, it is because the manufacturer did not notify us that refund had been paid. The payment of refunds never fully remunerates the consumer for being furnished feed which is deficient in valuable nutrients, and manufacturers are advised to be certain in advance that shipments are up to the guaranty in every respect.

### CONTROL OF INTERSTATE SHIPMENTS

In enforcing the law the State has the cooperation and assistance of the United States Department of Agriculture as regards adulterated and misbranded interstate shipments. We have received a commission from the United States Department of Agriculture to collect samples of interstate shipments of feed and practically all such shipments showing a deficiency and adulteration are sampled, not only under the Texas Feed Law, but also under the Federal Food, Drug, and Cosmetic Act of 1938. The Federal samples are either analyzed under the direction of Dr. G. S. Fraps, Collaborating Chemist, or forwarded to the Food and Drug Administration Laboratory at New Orleans, Denver, St. Louis, or Washington. The Federal government prosecutes many of the manufacturers of these feeds, but this does not preclude legal action by the Texas Feed Control Service if considered necessary for the protection of Texas consumers.

Cooperation with the Food and Drug Administration of the Federal Security Agency has been continued and thus control exercised over interstate shipments of feed as protection to Texas purchasers.

### SHIPMENTS WITHDRAWN FROM SALE

All dealers are advised to withdraw from sale shipments of feed which they know do not conform to the requirements of the Texas Feed Law, until such time when they can be legally sold. The dealer is directly responsible if feed in his possession fails to meet the requirements of the law and the same penalty attaches to exposing or offering for sale any unlabeled feed as for selling the same. The dealer should always be a law-abiding citizen and voluntarily withdraw from sale all untagged shipments and those which he knows or suspects are adulterated or misbranded and then write to the Division of Feed Control Service for instructions and its cooperation.

Table 14 shows the summary of the feeds withdrawn from sale during the year ended August 31, 1943, and gives the number of shipments withdrawn, the amounts, and the special reasons for their withdrawal from sale. It also shows the number of manufacturers represented. The amount withdrawn from sale was only about 0.11 per cent of the estimated tonnage sold during the year.

Shipments found untagged by the inspectors were required to be labeled with tags furnished by the manufacturers. Improperly labeled shipments

were relabeled with official tags properly printed, or with tags showing guaranties that could be maintained, and, in still other cases, shipments were returned to the manufacturer. The sales of goods below guaranties were adjusted, in practically all instances, by manufacturers paying refunds to dealers and consumers when the deficiencies were sufficient to warrant such action. In all cases when refunds were made to dealers, the dealers were advised to prorate the same among their customers, in so far as possible, so that the ultimate consumer would receive its benefit. Attention is directed to special information on page 60 regarding refunds.

Table 14. Shipments Withdrawn from Sale

No. of Shipments Withdrawn from Sale	No. of Manufacturers Represented	Reasons for Withdrawal from Sale	Amount Withdrawn, Tons
875	240	Not tagged.....	2,553.93
35	27	Deficient in crude protein.....	302.60
25	21	Wrong tags attached.....	70.05
35	24	Incorrectly printed tags attached.....	136.05
5	5	Excess crude fiber.....	37.30
96	80	Not registered and not tagged.....	339.50
3	3	Short weight.....	54.85
21	11	Obsolete tags attached.....	69.20
10	6	Blank tags attached.....	44.70
16	11	Defaced tags attached.....	36.80
39	18	Tags of wrong denomination attached.....	74.25
3	3	Adulterated.....	12.70
1	1	Not registered and defaced tags attached.....	4.75
10	9	Not tagged and illegal weight.....	17.15
17	15	Not tagged and short weight.....	81.45
1	1	Defaced tags and illegal weight.....	.70
2	1	Obsolete and defaced tags attached.....	.60
1	1	Wrong and defaced tags attached.....	.60
1195	477	Total.....	3,837.18

### VIOLATIONS

Six State cases were developed against manufacturers selling feed in this State in violation of the provisions of the Texas Feed Law. Five of these cases were terminated by payment of fines and costs and one case was dismissed for want of proper jurisdiction.

Eleven hundred and ninety-seven minor complaints were adjusted through correspondence, together with the assistance of the inspectors. These complaints consisted of untagged shipments of feed; improperly labeled shipments; incorrectly printed tags attached to packages of feed; short weights; deficiency in crude protein; excess of crude fiber, and other minor irregularities.

During the year covered by this report a Federal case was developed against a manufacturer shipping feed into this State in violation of the Food, Drug, and Cosmetic Act of 1938. The necessary evidence was transmitted to Federal authorities for legal action.

### COOPERATIVE RESEARCH PROJECTS

Results of some of the work on the cooperative research projects have been presented on the preceding pages. They include the vitamins A and D content of fish liver oils; carotené in alfalfa meals and other feeds; salt and calcium carbonate in mixed feeds; the hardness of cottonseed cake, and samples tested for poisons or other harmful substances.

Allotments of funds of the Division of Feed Control Service for research projects to assist in proper and adequate administration of the Texas Feed Law have been made to the following Divisions of the Texas Agricultural Experiment Station:

#### Division of Chemistry

Chemical Analyses and Investigations of Commercial Feeds

Vitamins in Commercial Feeds.

Relation of Soil Composition to Plant and Animal Nutrition

#### Division of Dairy Husbandry in Cooperation with the Department of Dairy Husbandry, A. & M. College

High Versus Low Protein Rations for Lactating Dairy Cows

#### Division of Farm and Ranch Economics in Cooperation with Substation No. 20

Land Use Adjustment in the West Cross Timbers Region

#### Division of Poultry Husbandry

Quality in Turkeys as Affected by Nutrition, Environment and Breeding

Protein Requirements for Chick Rations

Pullet Development Rations, Particularly as Differentiated from Brooder Rations

Carotene Destroying Power of Feed

The Effect of Practices Followed by Producers, Buyers, Distributors, and Consumers Upon Market Returns to Turkey Producers

#### Division of Swine Husbandry

A Study of Amino Acids in Cottonseed and Cottonseed Meal

#### Division of Veterinary Science

Testing Manufactured Feed Samples for Poisons or Other Harmful Substances

Poultry Disease Investigation

### PROTEIN CONTENT OF COTTONSEED PRODUCTS SOLD IN TEXAS

Table 15 shows the minimum, maximum, and average content of crude protein in the cottonseed products inspected during the year ended August 31, 1943. It will be noticed that in many instances the minimum percentage of protein is much less than the guaranty. Whenever the guar-

anty is not maintained, the provisions of the Texas Feed Law have been violated although the average per cent of crude protein may exceed the amount guaranteed.

## RESULTS OF ANALYSES

Tables 12 and 16 contain a detailed report of the results obtained in the inspection of feeds during the season of 1942-43. In these tables will be found the analyses of all the official samples taken by the inspectors, together with the analyses of many samples of feed sent in by manufacturers for registration during the year ended August 31, 1943. Consumers and agents are advised to study this table and purchase from and represent companies which ship feed according to law.

The footnotes at the bottom of the pages refer to matters of importance in connection with the feeds designated, and we advise that they be carefully considered.

## SUMMARY

This Bulletin contains a report of the inspection of feeding stuffs sold in the State of Texas during the year which ended August 31, 1943.

In addition to definitions of terms used in reporting analyses of feeding stuffs there is a table showing the average composition of the feeds inspected during the year and also one showing the digestible protein and productive energy of feeds.

A table is given showing the minimum, maximum, and average crude protein content of cottonseed products inspected during the season 1942-43.

Table 3 shows the estimated tonnage of feed sold in Texas yearly during the past thirty-six years as computed from the sale of inspection tags.

The biological assays of fish liver oils and fortified fish liver oils sampled are given in Tables 4 and 5.

Reference is made to the hardness of cottonseed cake and a table is given showing the crushing strength of several samples of cottonseed cake sold for feeding purposes.

Suggestions are given to purchasers of feed which should aid them in securing the kind of feed desired and buying feed which comes up to the representations of the manufacturers.

The chemical standards for various by-products and special-purpose mixed feeds are given in Table 11.

This Bulletin also contains the definitions of simple feed commodities as adopted by the Division of Feed Control Service and Association of American Feed Control Officials, Inc.

A table is given showing tentative guaranties for feed for the convenience of manufacturers in registering feeding stuffs for sale in Texas, and also analyses which can be used in calculating guaranties of mixed feeds.

A table is given showing the carotene contents of a few feeds on the Texas market.

Table 10 shows the average retail prices of feeds per ton in each of seven districts, the average retail prices for the State, and also the average retail cash selling price for the year.

Information is given showing that in quite a few of the inspection samples of mixed feeds the guaranties of salt and carbonate of lime were not met in all cases.

The purpose of the Texas Feed Law is explained and a summary of the law is given. Mention is made of regulations promulgated under the provisions of the Texas Feed Law and information is given concerning the payment of refunds and the control of interstate shipments.

Table 14 shows the shipments withdrawn from sale and the reasons for taking this action.

A list is given of the cooperative research projects carried on during the past year and supported by Division of Feed Control Service funds.

Tables 12 and 16 give a detailed report of the results obtained in the inspection of feeding stuffs during the year ended August 31, 1943.



**Table 15. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products, September 1, 1942, to August 31, 1943**

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min-imum	Max-imum	Average	
<b>Alamo Cotton Oil Mill,</b> San Antonio, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Cake .....	.....	.....	43.47	1
Cotton Bloom Brand 43% Protein Cottonseed Cubes .....	.....	.....	42.85	1
Cotton Bloom Brand 43% Protein Cottonseed Meal .....	41.43	44.95	42.89	5
<b>Alice Cotton Oil Company,</b> Alice, Texas.				
28% Protein Whole-Pressed Cottonseed .....	29.41	30.32	29.92	3
<b>Amarillo Cotton Oil Company,</b> Amarillo, Texas.				
43% Protein Cottonseed Cubes .....	38.09	41.24	39.67	2
43% Protein Cottonseed Meal .....	39.53	43.60	41.95	5
<b>Anderson, Clayton &amp; Co.,</b> Houston, Texas.				
43% Protein Cottonseed Meal .....	42.60	43.68	43.16	4
43% Protein Cottonseed Pellets .....	.....	.....	45.23	1
<b>Athens Oil Mill,</b> Athens, Texas.				
43% Protein Cottonseed Meal .....	41.07	42.10	41.59	2
<b>Benham &amp; Company, Inc.,</b> Mineola, Texas.				
41% Protein Cottonseed Meal .....	.....	.....	40.11	1
<b>Big Spring Cotton Oil Company,</b> Big Spring, Texas.				
43% Protein Cottonseed Meal .....	41.66	43.06	42.45	7
<b>Brady Cotton Oil Company,</b> Brady, Texas.				
43% Protein Pebble-Size Cottonseed Cake .....	.....	.....	43.22	1
43% Protein Cottonseed Meal .....	.....	.....	44.80	1
<b>Brazos Valley Cotton Oil Company,</b> Waco, Texas.				
Longhorn Brand 43% Protein Cottonseed Meal .....	42.91	43.72	43.27	5
Longhorn Brand 43% Protein Cottonseed Pellets .....	40.81	43.10	42.11	4
<b>Brenham Cotton Oil &amp; Manufacturing Company,</b> Brenham, Texas.				
41% Protein Cottonseed Meal .....	.....	.....	43.64	1
<b>Bryan Cotton Oil &amp; Fertilizer Company,</b> Bryan, Texas.				
43% Protein Cottonseed Meal .....	42.02	43.06	42.54	2
41% Protein Cottonseed Meal .....	.....	.....	42.56	1
<b>Cameron Cotton Oil Company,</b> Cameron, Texas.				
43% Protein Cottonseed Meal .....	42.90	43.22	43.05	3
<b>Chickasha Cotton Oil Company,</b> Chickasha, Oklahoma.				
Chickasha Quality Brand 43% Protein Coarse Cottonseed Meal .....	41.16	44.25	42.57	3
Chickasha Quality Brand 43% Protein Cottonseed Meal .....	41.11	42.44	41.59	3
Chickasha Quality Brand 43% Protein Cottonseed Pellets .....	41.89	42.44	42.20	3
<b>Childress Cotton Oil Mill, Inc.,</b> Childress, Texas.				
43% Protein Cottonseed Cubes .....	.....	.....	43.01	1
43% Protein Coarse Cottonseed Meal .....	40.63	44.15	42.39	2
43% Protein Cottonseed Meal .....	40.80	43.31	42.44	6

Table 15. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products, September 1, 1942, to August 31, 1943—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Chillicothe Cotton Oil Company, Chillicothe, Texas.				
43% Protein Pea-Size Cottonseed Cake .....	.....	.....	41.88	1
43% Protein Coarse Cottonseed Meal .....	.....	.....	43.65	1
43% Protein Cottonseed Meal .....	42.38	43.24	42.94	3
Clarksville Cotton Oil Company, Clarksville, Texas.				
Clarko 43% Protein Cottonseed Meal .....	41.85	46.14	44.06	3
Coleman Cotton Oil Mill, Coleman, Texas.				
43% Protein Cottonseed Meal .....	42.71	43.09	42.99	5
Commerce Oil Mill Company, Commerce, Texas.				
43% Protein Cottonseed Meal .....	41.99	43.73	42.62	7
Continental Oil-Cotton Company, Colorado City, Texas.				
43% Protein Cottonseed Pellets .....	42.03	44.09	43.32	3
Cooper Cotton Oil Company, Cooper, Texas.				
43% Protein Cottonseed Meal .....	42.71	43.69	43.21	3
Corpus Christi Cotton Oil Mill, Corpus Christi, Texas.				
43% Protein Cottonseed Meal .....	42.09	42.53	42.31	2
Coryell County Cotton Oil Company, Gatesville, Texas.				
43% Protein Cottonseed Meal .....	39.38	42.61	40.99	2
Crockett Cotton Oil Company, Crockett, Texas.				
43% Protein Cracked Cottonseed Cake .....	.....	.....	44.04	1
43% Protein Cottonseed Meal .....	41.21	43.65	42.43	2
41% Protein Cottonseed Meal .....	.....	.....	41.55	1
Cuero Cotton Oil & Manufacturing Company, Cuero, Texas.				
43% Protein Cracked Cottonseed Cake .....	.....	.....	41.75	1
43% Protein Cottonseed Meal .....	42.35	42.97	42.66	2
East Texas Cotton Oil Company, Kaufman, Texas.				
43% Protein Cottonseed Meal .....	41.14	41.56	41.42	4
East Texas Cotton Oil Company, Palestine, Texas.				
43% Protein Cottonseed Meal .....	42.61	44.51	43.60	3
East Texas Cotton Oil Company, Terrell, Texas.				
43% Protein Cottonseed Meal .....	41.43	44.12	42.77	2
43% Protein Cottonseed Pellets .....	.....	.....	42.47	1
East Texas Cotton Oil Company, Tyler, Texas.				
43% Protein Cracked Cottonseed Cake .....	.....	.....	45.42	1
43% Protein Cottonseed Meal .....	42.90	44.57	43.48	3
Elgin Cotton Oil Company, Elgin, Texas.				
43% Protein Cottonseed Meal .....	43.50	43.87	43.69	2
41% Protein Cottonseed Meal .....	.....	.....	40.24	1

Table 15. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products, September 1, 1942, to August 31, 1943—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>Elk Cotton Oil Co.,</b> Elk City, Oklahoma.				
Elk Brand 43% Protein Coarse Cottonseed Meal.....	42.27	43.60	42.72	3
Elk Brand 43% Protein Cottonseed Pellets.....			43.62	1
<b>El Paso Cotton Industries, Inc.,</b> El Paso, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake.....			42.52	1
Paymaster Brand 43% Protein Cottonseed Meal.....	41.23	43.52	42.27	4
Paymaster Brand 43% Protein Cottonseed Pellets.....	41.80	42.88	42.34	2
<b>Evangeline Cotton Oil Company,</b> Ville Platte, Louisiana.				
28% Protein Whole-Pressed Cottonseed.....	26.47	30.52	27.95	5
<b>Farmers Cooperative Oil Mill,</b> El Paso, Texas.				
43% Protein Cottonseed Meal.....	41.80	44.57	43.18	2
43% Protein Cottonseed Pellets.....			41.03	1
<b>Farmers Cotton Oil Company,</b> Farmersville, Texas.				
43% Protein Cottonseed Meal.....	40.53	41.30	40.91	2
<b>Farmers Cotton Oil Company,</b> Texarkana, Texas.				
41% Protein Cottonseed Meal.....			41.09	1
<b>Farmers Cotton Oil Company,</b> Winnsboro, Texas.				
43% Protein Cottonseed Meal.....	42.06	44.68	43.07	3
<b>Farmers Cottonseed Oil Mills, Inc.,</b> Granger, Texas.				
43% Protein Cottonseed Meal.....	43.77	44.07	43.92	2
<b>Fidelity Products Mill,</b> Houston, Texas.				
43% Protein Cottonseed Meal.....	39.53	42.72	40.73	3
28% Protein Whole-Pressed Cottonseed.....			26.10	1
<b>Flatonia Oil Mill Company,</b> Flatonia, Texas.				
43% Protein Cottonseed Meal.....			42.14	1
<b>Fort Worth Cotton Oil Mill,</b> Fort Worth, Texas.				
43% Protein Cottonseed Meal.....	42.23	44.05	43.30	3
<b>Georgetown Oil Mill,</b> Georgetown, Texas.				
28% Protein Whole-Pressed Cottonseed.....			28.06	1
<b>Gilmer Cotton Oil &amp; Fertilizer Company,</b> Gilmer, Texas.				
43% Protein Cottonseed Meal.....	40.51	41.29	40.90	2
41% Protein Cottonseed Meal.....			42.77	1
41.12% Protein Ground Cottonseed Feed.....	41.09	42.30	41.70	2
<b>Gonzales Cotton Oil &amp; Manufacturing Company,</b> Gonzales, Texas.				
43% Protein Cottonseed Cake.....			44.56	1
43% Protein Cottonseed Meal.....	41.34	43.73	42.45	3
<b>Greenville Cotton Oil Company,</b> Greenville, Texas.				
Red Rooster Brand 43% Protein Cottonseed Meal.....	42.19	44.26	43.13	7

Table 15. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products, September 1, 1942, to August 31, 1943—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Gutierrez & Company, Teodosio, Laredo, Texas. 28% Protein Whole-Pressed Cottonseed.....			27.97	1
Harlingen Cotton Oil Mill, Harlingen, Texas. Cotton Bloom Brand 43% Protein Cottonseed Meal	41.27	42.58	41.72	6
Heid Bros., El Paso, Texas. 43% Protein Cottonseed Meal.....			44.62	1
Hill County Cotton Oil Company, Hillsboro, Texas. 43% Protein Cottonseed Meal.....	45.60	46.67	46.02	3
Honey Grove Cotton Oil Company, The, Honey Grove, Texas. 43% Protein Cracked Cottonseed Cake..... 43% Protein Cottonseed Meal.....	41.53	43.44	43.65 42.24	1 5
Houston Cotton Oil Mill, Houston, Texas. Cotton Bloom Brand 43% Protein Cottonseed Meal Cotton Bloom Brand 41% Protein Cottonseed Cake	40.67	41.97	41.32 44.02	2 1
Jackson County Cotton Oil Company, Ganado, Texas. Jaco 30% Protein Ground Whole-Pressed Cottonseed..... Jaco 28% Protein Whole-Pressed Cottonseed.....	27.05	27.56	27.26 28.95	3 1
Jayton Cotton Oil Mill, Jayton, Texas. Chuck Wagon Brand 43% Protein Cottonseed Cake... Chuck Wagon Brand 43% Protein Cottonseed Meal... Chuck Wagon Brand 43% Protein Cottonseed Pellets Chuck Wagon Brand 41% Protein Cottonseed Meal... Chuck Wagon Brand 41% Protein Cottonseed Pellets	42.56	43.42	43.38 42.87 41.81 40.39 41.34	1 4 1 1 1
Kenedy Cotton Oil Mill, Kenedy, Texas. 43% Protein Cottonseed Cake..... 43% Protein Cottonseed Meal.....	42.76	43.95	44.89 43.16	1 3
Kimbell Oil Mill, The, Sherman, Texas. 43% Protein Cottonseed Meal.....	42.17	44.36	43.31	3
Kingsville Milling Company, Kingsville, Texas. 43% Protein Cottonseed Meal.....			39.92	1
Lamar Cotton Oil Company, The, Paris, Texas. 43% Protein Cottonseed Cake..... 43% Protein Cottonseed Meal.....	42.02	43.69	43.87 42.88	1 3
Lamesa Cotton Oil Company, Lamesa, Texas. 43% Protein Cottonseed Meal..... 43% Protein Cottonseed Pellets 28% Protein Ground Whole-Pressed Cottonseed.....	40.59 41.93 26.94	42.14 43.09 29.15	41.48 42.40 27.64	5 3 4
Longview Cotton Oil Company, Longview, Texas. 41% Protein Cottonseed Meal.....	41.34	42.10	41.72	2

Table 15. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products, September 1, 1942, to August 31, 1943—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>Lubbock Cotton Oil Company,</b> Lubbock, Texas.				
Lucko Brand 43% Protein Cottonseed Meal.....	.....	.....	44.23	1
<b>McCulloch County Cotton Oil Mill,</b> Brady, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Meal...	.....	.....	43.50	1
<b>Magnolia Provision Company,</b> Houston, Texas.				
43% Protein Cottonseed Meal.....	41.05	41.37	41.21	2
Magnolia Brand 28% Protein Whole-Pressed Cottonseed Cubes.....	.....	.....	28.03	1
<b>Marlin Oil Company, The,</b> Marlin, Texas.				
43% Protein Cottonseed Cake.....	.....	.....	42.23	1
43% Protein Cottonseed Meal.....	42.80	45.14	43.93	5
<b>Marshall Cotton Oil Company,</b> Marshall, Texas.				
43% Protein Cottonseed Meal.....	.....	.....	43.24	1
41% Protein Cottonseed Cake.....	.....	.....	41.49	1
41% Protein Cottonseed Meal.....	41.27	42.34	41.88	3
<b>Marshall Mill &amp; Elevator Company,</b> Marshall, Texas.				
43% Protein Cottonseed Meal.....	.....	.....	43.24	1
41% Protein Cottonseed Meal.....	.....	.....	41.21	1
<b>Memphis Cotton Oil Company,</b> Memphis, Texas.				
43% Protein Cottonseed Meal.....	.....	.....	43.26	1
<b>Merchants &amp; Planters Oil Company,</b> Houston, Texas.				
41.12% Protein Ground Cottonseed Feed.....	.....	.....	42.96	1
<b>Meyer &amp; Company, Felix,</b> Houston, Texas.				
41% Protein Cottonseed Meal.....	.....	.....	42.14	1
<b>Moulton Oil &amp; Gin Company,</b> Moulton, Texas.				
43% Protein Cottonseed Meal.....	.....	.....	43.75	1
<b>Mount Pleasant Oil Mill,</b> Mount Pleasant, Texas.				
43% Protein Cottonseed Meal.....	43.92	43.95	43.93	2
<b>Munger Cotton Oil Company,</b> Mexia, Texas.				
43% Protein Cottonseed Meal.....	43.78	45.24	44.37	3
<b>Munger Cotton Oil Company,</b> Teague, Texas.				
43% Protein Cottonseed Meal.....	.....	.....	42.25	1
<b>Nacogdoches Oil Mill, The,</b> Nacogdoches, Texas.				
Lone Star Brand 43% Protein Cracked Cottonseed Cake.....	.....	.....	42.21	1
Lone Star Brand 43% Protein Cottonseed Meal.....	41.24	42.77	42.09	3
<b>Ne-Tex Co-Operative Oil Mill,</b> Wolfe City, Texas.				
Ne-Tex Brand 43% Protein Cracked Cottonseed Cake.....	.....	.....	44.64	1
Ne-Tex Brand 43% Protein Cottonseed Meal.....	41.90	43.23	42.23	5



Table 15. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products, September 1, 1942, to August 31, 1943—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>Nutty Brown Mills,</b> Houston, Texas. 32% Protein Cottonseed Meal Screenings .....	.....	.....	33.86	1
<b>Oil Mill &amp; Fertilizer Works,</b> Henderson, Texas. 43% Protein Cottonseed Meal .....	40.00	41.73	43.59	1
41% Protein Cottonseed Meal .....			40.87	2
<b>Opelousas Oil Mill,</b> Opelousas, Louisiana. 41% Protein Cottonseed Cake .....	39.19	42.10	41.08	1
41% Protein Cottonseed Meal .....			40.55	3
<b>Otis Gin &amp; Warehouse Company,</b> Loving, New Mexico. 43% Protein Cottonseed Meal .....	42.09	43.20	42.64	2
<b>Peoples Cotton Oil Company,</b> El Campo, Texas. 28% Protein Whole-Pressed Cottonseed .....	.....	.....	26.31	1
<b>Peoples Cotton Oil Company,</b> Wharton, Texas. 43% Protein Cottonseed Meal .....	41.18	41.77	41.55	4
<b>Pittsburg Cotton Oil Company,</b> Pittsburg, Texas. 41% Protein Cottonseed Meal .....	.....	.....	38.99	1
41.12% Protein Ground Cottonseed Feed .....	.....	.....	43.86	1
<b>Plains Cooperative Oil Mill,</b> Lubbock, Texas. 43% Protein Cottonseed Cake .....	43.16	44.11	44.58	1
43% Protein Cottonseed Meal .....			43.64	2
<b>Planters Cotton Oil Company,</b> Dallas, Texas. Golden Rod Brand 43% Protein Coarse Cottonseed Meal .....	42.89	45.25	43.44	1
Golden Rod Brand 43% Protein Cottonseed Meal .....			44.21	4
<b>Planters Cotton Oil Company,</b> Weatherford, Texas. 43% Protein Cottonseed Meal .....	.....	.....	40.33	1
<b>Planters Cotton Oil Mill,</b> Ennis, Texas. 43% Protein Cottonseed Meal .....	43.15	45.00	44.07	2
<b>Producers Cooperative Mill,</b> Midlothian, Texas. 43% Protein Cracked Cottonseed Cake .....	.....	.....	42.84	1
43% Protein Cottonseed Meal .....	.....	.....	41.11	1
<b>Quannah Cotton Oil Company,</b> Quannah, Texas. 43% Protein Cottonseed Cake .....	41.40	42.63	43.55	1
43% Protein Cottonseed Cubes .....			41.68	18
43% Protein Coarsely Ground Cottonseed Meal .....	.....	.....	42.56	1
43% Protein Cottonseed Meal .....	.....	.....	44.20	1
<b>Rio Grande Valley Cotton Oil Company,</b> Clint, Texas. 43% Protein Cottonseed Cake .....	39.03	41.58	40.30	2
43% Protein Cottonseed Meal .....	39.89	42.07	41.19	3

Table 15. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products, September 1, 1942, to August 31, 1943—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>Rule Cotton Oil Mill, Rule, Texas.</b>				
Chuck Wagon Brand 43% Protein Cottonseed Cake .....	.....	.....	38.87	1
Chuck Wagon Brand 43% Protein Cottonseed Meal .....	.....	.....	39.34	1
Chuck Wagon Brand 43% Protein Cottonseed Pellets .....	.....	.....	39.73	1
<b>San Antonio Oil Works, San Antonio, Texas.</b>				
43% Protein Cottonseed Meal .....	40.92	43.45	41.84	2
<b>San Marcos Oil Mill, San Marcos, Texas.</b>				
43% Protein Cottonseed Meal .....	41.72	43.35	42.50	3
41% Protein Cottonseed Meal .....	.....	.....	41.67	1
<b>Schulenburg Oil Mill, The, Schulenburg, Texas.</b>				
43% Protein Cottonseed Cake .....	.....	.....	43.08	1
43% Protein Cottonseed Meal .....	41.66	44.05	42.74	3
<b>Schumacher Oil Works, The H., Navasota, Texas.</b>				
43% Protein Cottonseed Cake .....	.....	.....	39.94	1
43% Protein Cottonseed Meal .....	.....	.....	42.30	1
<b>Sealy Oil Mill &amp; Manufacturing Company, Sealy, Texas.</b>				
43% Protein Cottonseed Meal .....	.....	.....	41.37	1
<b>Shiner Oil Mill &amp; Manufacturing Company, Shiner, Texas.</b>				
43% Protein Cottonseed Meal .....	.....	.....	49.85	1
<b>Southland Cotton Oil Company, Corsicana, Texas.</b>				
43% Protein Screened Cracked Cottonseed Cake .....	.....	.....	42.92	1
43% Protein Cottonseed Meal .....	41.64	42.98	42.32	4
<b>Southland Cotton Oil Company, Paris, Texas.</b>				
Southland's 43% Protein Screened Cracked Cottonseed Cake .....	.....	.....	43.94	1
Southland's 43% Protein Cottonseed Meal .....	41.30	42.91	42.10	2
<b>Southland Cotton Oil Company, Shreveport, Louisiana.</b>				
41.12% Protein Ground Cottonseed Feed .....	.....	.....	41.70	1
<b>Southland Cotton Oil Company, Temple, Texas.</b>				
43% Protein Cottonseed Cake .....	.....	.....	41.68	1
43% Protein Cottonseed Meal .....	41.75	44.47	43.14	5
<b>Southland Cotton Oil Company, Waxahachie, Texas.</b>				
43% Protein Cottonseed Meal .....	41.05	43.56	42.14	7
43% Protein Cottonseed Pellets .....	.....	.....	41.49	1
<b>South Texas Cotton Oil Company, Austin, Texas.</b>				
43% Protein Cracked Cottonseed Cake .....	42.96	43.83	43.30	4
43% Protein Pebble-Size Cottonseed Cake .....	.....	.....	41.58	1
43% Protein Cottonseed Meal .....	42.25	43.23	42.74	2
<b>South Texas Cotton Oil Company, Brownsville, Texas.</b>				
28% Protein Ground Whole-Pressed Cottonseed .....	27.75	29.95	28.86	3
28% Protein Whole-Pressed Cottonseed .....	.....	.....	28.72	1

Table 15. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products, September 1, 1942, to August 31, 1943—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>South Texas Cotton Oil Company,</b> Corpus Christi, Texas.				
43% Protein Cottonseed Cake .....	43.34	44.33	43.84	4
43% Protein Cottonseed Meal .....	41.38	43.31	42.85	3
43% Protein Cottonseed Pellets .....	42.53	42.66	42.59	2
<b>South Texas Cotton Oil Company,</b> Harlingen, Texas.				
43% Protein Cottonseed Cake .....	42.56	42.56	42.56	2
43% Protein Cottonseed Meal .....	40.46	42.42	41.57	5
<b>South Texas Cotton Oil Company,</b> Hearne, Texas.				
43% Protein Cracked Cottonseed Cake .....			42.54	1
43% Protein Cottonseed Meal .....	43.26	43.73	43.51	4
<b>South Texas Cotton Oil Company,</b> Robstown, Texas.				
43% Protein Nut-Size Cottonseed Cake .....			43.39	1
43% Protein Pea-Size Cottonseed Cake .....			42.18	1
43% Protein Sheep-Size Cottonseed Cake .....			41.85	1
43% Protein Cottonseed Meal .....	41.60	43.00	42.48	4
<b>South Texas Cotton Oil Company,</b> Taylor, Texas.				
43% Protein Pea-Size Cottonseed Cake .....			44.17	1
43% Protein Sheep-Size Cottonseed Cake .....			42.87	1
43% Protein Cottonseed Meal .....	42.69	44.04	43.43	6
<b>Stamford Cotton Oil Mill,</b> Stamford, Texas.				
Chuck Wagon Brand 43% Protein Cottonseed Cake .....			45.57	1
Chuck Wagon Brand 43% Protein Cottonseed Cubes .....	43.56	44.61	44.08	2
Chuck Wagon Brand 43% Protein Cottonseed Meal .....	41.50	45.31	43.50	8
Chuck Wagon Brand 41% Protein Cottonseed Meal .....			40.21	1
<b>Sugar Land Feed Company,</b> Sugar Land, Texas.				
43% Protein Cottonseed Meal .....			42.53	1
<b>Sulphur Springs Cotton Oil Company,</b> Sulphur Springs, Texas.				
43% Protein Cottonseed Meal .....	42.64	43.85	43.22	3
41% Protein Cottonseed Meal .....			43.24	1
<b>Sweetwater Cotton Oil Company,</b> Sweetwater, Texas.				
43% Protein Cottonseed Cake .....			40.34	1
43% Protein Cottonseed Cubes .....	41.32	45.48	42.58	11
43% Protein Cottonseed Meal .....	41.57	43.59	43.03	9
<b>Taft Cotton Oil Company,</b> Taft, Texas.				
43% Protein Cottonseed Cake .....			43.41	1
43% Protein Cottonseed Meal .....	41.81	43.98	42.89	6
<b>Texarkana Cotton Oil Corporation,</b> Texarkana, Arkansas-Texas.				
43% Protein Cottonseed Meal .....	42.73	42.82	42.77	2
41% Protein Cottonseed Meal .....	40.84	42.16	41.56	5
<b>Tobian &amp; Company, Louis,</b> Dallas, Texas.				
43% Protein Cottonseed Meal .....	41.25	44.19	42.73	7
41% Protein Cottonseed Meal .....	38.12	43.10	41.02	12
<b>Tornillo Cotton Oil Company,</b> Tornillo, Texas.				
28% Protein Whole-Pressed Cottonseed .....	27.90	28.52	28.23	3
28% Protein Whole-Pressed Cottonseed Cubes .....	29.77	29.83	29.80	2

Table 15. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products, September 1, 1942, to August 31, 1943—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>Traders Oil Mill Company,</b> Fort Worth, Texas.				
43% Protein Cottonseed Meal .....	39.24	45.19	42.78	4
<b>Trinity Cotton Oil Company,</b> Dallas, Texas.				
43% Protein Cottonseed Meal .....	42.88	42.99	42.92	3
<b>Union Oil Mill, Inc., The,</b> West Monroe, Louisiana.				
Union 41% Protein Cottonseed Meal .....	.....	.....	41.71	1
41.12% Protein Ground Cottonseed Feed .....	.....	.....	41.09	1
<b>Van Alstyne Cotton Oil Mill,</b> Van Alstyne, Texas.				
43% Protein Cottonseed Cake .....	.....	.....	43.35	1
43% Protein Cottonseed Meal .....	42.91	43.09	43.00	2
<b>Vernon Cotton Oil Company,</b> Vernon, Texas.				
43% Protein Coarsely Ground Cottonseed Meal .....	.....	.....	41.79	1
43% Protein Cottonseed Meal .....	42.33	42.96	42.68	3
43% Protein Cottonseed Pellets .....	41.62	42.52	42.07	2
41% Protein Cottonseed Meal .....	41.60	41.72	41.66	2
<b>Waco Cotton Oil Mill,</b> Waco, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Meal .....	40.67	45.52	43.85	4
<b>Warren Cotton Oil &amp; Manufacturing Company,</b> Warren, Arkansas.				
41% Protein Cottonseed Meal .....	.....	.....	40.73	1
<b>Weimar Oil Mill, Inc.,</b> Weimer, Texas.				
43% Protein Cottonseed Cake .....	.....	.....	42.60	1
<b>West Cotton Oil Mill,</b> West, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Meal .....	42.57	44.57	43.57	2
<b>West Texas Cottonoil Co.,</b> Abilene, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake .....	.....	.....	44.94	1
Paymaster Brand 43% Protein Cottonseed Meal .....	39.75	46.55	43.39	15
Paymaster Brand 43% Protein Cottonseed Pellets .....	40.91	43.08	41.99	2
Paymaster Brand 41% Protein Cottonseed Meal .....	40.51	42.11	41.12	3
Paymaster Brand 41% Protein Cottonseed Pellets .....	.....	.....	38.89	1
<b>West Texas Cottonoil Co.,</b> Ballinger, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake .....	.....	.....	42.47	1
Paymaster Brand 43% Protein Cottonseed Meal .....	41.88	43.19	42.36	7
Paymaster Brand 43% Protein Cottonseed Pellets .....	40.72	44.13	42.03	8
Paymaster Brand 41% Protein Cottonseed Cake .....	.....	.....	39.50	1
Paymaster Brand 41% Protein Cottonseed Meal .....	.....	.....	39.59	1
Paymaster Brand 41% Protein Cottonseed Pellets .....	.....	.....	41.35	1
<b>West Texas Cottonoil Co.,</b> Brownfield, Texas.				
Paymaster Brand 43% Protein Cottonseed Meal .....	40.26	41.71	40.99	2
<b>West Texas Cottonoil Co.,</b> Littlefield, Texas.				
Paymaster Brand 43% Protein Cottonseed Meal .....	.....	.....	42.88	1
Paymaster Brand 41% Protein Cottonseed Cubes .....	.....	.....	41.00	1
Paymaster Brand 41% Protein Cottonseed Meal .....	.....	.....	40.43	1

Table 15. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products, September 1, 1942, to August 31, 1943—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
<b>West Texas Cottonoil Co., Munday, Texas.</b>				
Paymaster Brand 43% Protein Cottonseed Cake .....	44.03	44.27	44.15	2
Paymaster Brand 43% Protein Cottonseed Meal .....	40.84	42.73	41.96	3
<b>West Texas Cottonoil Co., Plainview, Texas.</b>				
Paymaster Brand 43% Protein Cottonseed Cake .....	.....	.....	44.18	1
Paymaster Brand 43% Protein Cottonseed Cubes .....	.....	.....	40.99	1
Paymaster Brand 43% Protein Cottonseed Meal .....	41.64	42.91	42.08	4
<b>West Texas Cottonoil Co., San Angelo, Texas.</b>				
Paymaster Brand 43% Protein Cottonseed Cake .....	.....	.....	43.04	1
Paymaster Brand 43% Protein Cottonseed Meal .....	41.20	47.48	43.69	3
Paymaster Brand 43% Protein Cottonseed Pellets .....	41.92	41.97	41.94	2
<b>West Texas Cottonoil Co., Shamrock, Texas.</b>				
Paymaster Brand 28% Protein Ground Whole- Pressed Cottonseed .....	.....	.....	26.34	1
<b>West Texas Cottonoil Co., Slaton, Texas.</b>				
Paymaster Brand 43% Protein Cottonseed Cake .....	41.71	42.68	42.19	2
Paymaster Brand 41% Protein Cottonseed Meal .....	.....	.....	40.10	1
Paymaster Brand 41% Protein Cottonseed Pellets .....	.....	.....	41.39	1
<b>Wingo Oil Mill, Wills Point, Texas.</b>				
43% Protein Cottonseed Cubes .....	.....	.....	41.68	1
43% Protein Cottonseed Meal .....	41.76	44.35	43.26	3
<b>Wood County Cotton Oil Company, Mineola, Texas.</b>				
43% Protein Cottonseed Meal .....	41.32	42.49	41.90	2
<b>Yorktown Cotton Oil &amp; Manufacturing Company, Yorktown, Texas.</b>				
43% Protein Pea-Size Cottonseed Cake .....	.....	.....	43.73	1
43% Protein Cottonseed Meal .....	42.08	43.78	42.93	2



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943

(The guaranties are printed in italics following brand names.)

Legend: The italic super-letters in this table indicate the following: *a*, Not tagged, but tags furnished. Amount in stock removed from sale until tagged; *b*, Amount in stock removed from sale and relabeled; *c*, Refund paid; *d*, Sampled before registration; *e*, Registration adjusted; *f*, Amount in stock returned to seller; *g*, Not registered; *h*, Amount in stock removed from sale; *i*, Not tagged; *j*, Obsolete tags attached; *k*, Tags not printed according to registration.

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Abilene Flour Mills Company, The,</b> Abilene, Kansas.							
Wheat Mixed Feed and Screenings.....	16.00	3.50	8.50	52.00			2061D
Analysis <sup>a</sup> .....	17.64	3.75	8.55	53.49	10.40	6.17	364J
<b>Acme Flour Mills Company, The,</b> Oklahoma City, Oklahoma.							
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00			135C
Analysis <sup>1</sup> .....	16.10	4.49	6.66	56.54	11.28	4.93	343J
Analysis <sup>1</sup> .....	17.74	4.24	6.39	56.72	10.54	4.37	219T
<b>Ada Milling Company,</b> Ada, Oklahoma.							
Wheat Gray Shorts.....	16.00	3.50	6.00	55.00			1015E
Analysis.....	15.40	3.61	3.64	61.95	12.55	2.85	70T
Bingo All-Mash Laying Ration.....	15.00	3.50	7.60	46.70			1015O
Analysis <sup>kh2</sup> .....	15.90	3.24	4.78	61.12	10.09	4.87	186W
Leader Brand Pig Slopper Feed.....	18.00	3.50	7.00	49.00			1015W
Analysis <sup>h2</sup> .....	18.12	3.75	4.30	59.79	9.78	4.26	489J
Rich-Milk Brand Dairy Feed.....	20.00	3.00	13.50	44.00			1015B1
Analysis.....	22.74	3.85	8.01	50.31	8.79	6.30	470H
Good-Milk Brand Dairy Feed.....	16.00	3.00	15.00	46.00			1015B6
Analysis.....	18.74	3.27	11.84	50.90	9.37	5.88	132W
Winner Brand Laying Mash Pellets.....	18.50	3.80	6.30	49.00			1015D4
Analysis.....	20.14	3.96	7.39	51.40	10.39	6.72	393J
Bingo All-Mash Laying Ration Pellets.....	15.00	3.50	7.60	46.70			1015D5
Analysis <sup>kh2</sup> .....	17.28	3.35	5.26	58.38	11.01	4.72	492J
<b>Adams Feed &amp; Fuel Company,</b> Seagraves, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00			833A
Analysis <sup>da</sup> .....	8.20	3.33	9.00	66.97	10.13	2.37	296K
<b>Addikson Hatchery &amp; Feed Store,</b> Amarillo, Texas.							
Addikson's Growing Mash.....	18.00	3.50	6.50	50.00			449G
Analysis.....	18.00	3.82	5.98	55.44	10.31	6.45	8K
Addikson's All-Mash Starter.....	18.50	3.50	6.00	51.00			449H
Analysis.....	19.96	3.70	5.12	53.81	10.32	7.09	7K
<b>Adolphus Rice Milling Company,</b> Houston, Texas.							
Rice Bran containing Precipitated Carbonate of Lime.....	11.00	10.00	15.00	42.00			1053A
Analysis <sup>5</sup> .....	9.98	11.40	17.12	37.46	9.15	14.89	476M
Rice Polishings containing Precipitated Carbonate of Lime.....	11.00	6.00	4.00	55.00			1053B
Analysis <sup>4</sup> .....	13.32	15.70	3.93	46.19	9.87	10.99	82H
<b>Alameda Fuel &amp; Grain Company,</b> El Paso, Texas.							
Alameda "Keeno" Dairy Feed.....	16.60	3.80	10.00	52.00			165A
Analysis.....	17.30	3.68	8.89	56.46	8.11	5.56	343S
Alameda "Keeno" Mash.....	15.50	4.00	7.00	55.00			165B
Analysis.....	18.38	4.21	5.70	54.95	9.84	6.92	39S
"Keeno" Pig and Sow Mix.....	15.00	3.00	7.00	51.00			165G
Analysis <sup>5</sup> .....	19.07	3.97	5.69	54.68	9.85	6.74	87S

*a, b, c, d, e, f, g, h, i, j, k*—See legend at the beginning of this table.<sup>1</sup>Wheat brown shorts and screenings.<sup>2</sup>Deficient in ground limestone and salt.<sup>3</sup>Excess of rice hulls present.<sup>4</sup>Excess of carbonate of lime present.<sup>5</sup>Fish meal claimed, not found. Deficient in ground limestone.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Alamo Cotton Oil Mill, San Antonio, Texas.</b>							
Cotton Bloom Brand 43% Protein							
Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	606D
Analysis.....	43.83	7.36	10.20	25.88	7.15	5.58	109H
Analysis.....	44.95	7.61	9.39	25.79	6.91	5.35	142H
Analysis <sup>a</sup> .....	42.06	9.06	10.47	26.98	6.13	5.30	145H
Analysis <sup>a</sup> .....	41.43	9.00	10.23	27.47	6.60	5.27	171H
Analysis <sup>a</sup> .....	42.20	6.13	10.70	27.41	7.93	5.63	189H
Cotton Bloom Brand 43% Protein							
Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	606E
Analysis.....	43.47	7.66	9.34	27.76	6.05	5.72	175H
Cotton Bloom Brand 43% Protein							
Peanut Meal.....	43.00	6.00	12.00	23.00	.....	.....	606M
Analysis.....	43.65	9.34	16.88	19.48	6.21	4.44	359H
Cotton Bloom Brand Laying Mash.....	20.50	4.00	6.50	45.00	.....	.....	606R
Analysis.....	22.23	5.20	5.81	48.13	8.97	9.66	455H
Cotton Bloom Brand 18% Protein							
Dairy Feed.....	18.00	3.50	9.50	46.00	.....	.....	606T
Analysis.....	19.43	4.89	10.58	47.23	10.96	6.91	149H
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	52.00	.....	.....	606V
Analysis.....	20.28	4.42	5.31	53.69	8.93	7.37	454H
Consumers Special Brand 42% Protein							
Dairy Feed.....	16.00	3.50	11.00	49.00	.....	.....	606X
Analysis <sup>a</sup> .....	17.08	4.72	11.41	48.82	10.55	7.42	148H
Cotton Bloom Brand 16% Protein							
Dairy Feed.....	16.00	3.00	8.00	52.00	.....	.....	606X
Analysis.....	17.10	3.79	7.81	54.86	8.46	7.98	372H
Cotton Bloom Brand 15% Protein							
Range Feed Cubes.....	15.00	3.50	12.00	49.00	.....	.....	606A3
Analysis <sup>a</sup> .....	18.55	3.85	12.82	44.10	8.95	11.73	48S
Cotton Bloom Brand 16% Protein							
Pellets.....	18.00	4.00	7.00	48.50	.....	.....	606B1
Analysis.....	21.03	5.44	6.33	48.60	9.05	9.55	374H
Cotton Bloom Brand Growing Mash							
Pellets.....	18.50	4.00	5.50	53.00	.....	.....	606B8
Analysis <sup>a</sup> .....	19.89	4.97	5.43	54.90	8.53	6.28	373H
Analysis.....	20.67	1.93	8.17	51.37	10.68	7.18	198M
Consumers Special Brand Egg Mash							
Concentrate.....	42.00	6.00	4.50	15.00	.....	.....	606D1
Analysis <sup>dac</sup> .....	40.78	9.33	4.02	17.96	8.12	19.79	211H
41% Protein Soybean Oil Meal.....	41.00	4.70	6.00	29.00	.....	.....	606D2
Analysis.....	44.17	8.31	6.10	26.74	8.49	6.19	360H
Cotton Bloom Brand 43% Protein							
Cottonseed Cubes.....	43.00	6.00	12.00	23.00	.....	.....	606D6
Analysis <sup>a</sup> .....	42.85	6.83	10.64	27.56	7.05	5.07	246S
Cotton Bloom Brand 16% Protein							
Range Cubes.....	16.00	3.00	8.00	52.00	.....	.....	606E3
Analysis.....	18.53	4.00	8.62	51.52	9.03	8.30	310H
Cotton Bloom Brand 20% Protein							
Dairy Feed.....	20.00	3.50	8.50	46.00	.....	.....	606E4
Analysis.....	22.22	4.62	11.78	45.25	8.83	7.30	431H
Analysis <sup>a</sup> .....	23.00	4.42	11.63	45.17	8.19	7.59	486M
<b>Alice Cotton Oil Company, Alice, Texas.</b>							
28% Protein Whole-Pressed Cottonseed							
Analysis.....	28.00	5.00	25.00	29.00	.....	.....	1050B
Analysis.....	32.32	5.15	22.54	31.11	6.18	4.70	44H
Analysis.....	30.05	5.60	20.98	32.60	6.24	4.53	100H
Analysis.....	29.41	4.37	23.41	32.12	6.12	4.57	L
36% Protein Ground Whole-Pressed							
Peanuts.....	36.00	6.00	22.00	20.00	.....	.....	1050W
Analysis <sup>dk</sup> .....	36.41	8.67	25.49	19.40	5.77	4.26	501H

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>a</sup>Excess of salt found.<sup>d</sup>Deficient in oyster shell.<sup>e</sup>Ground peanut hay found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Allison Coal &amp; Grain Company,</b> <b>Paducah, Texas.</b>							
Sun-Ray Brand Laying Mash .....	18.00	3.50	6.50	48.00	.....	.....	2165B
Analysis .....	19.35	4.58	5.65	51.04	10.21	9.17	277K
<b>Alva Roller Mills,</b> <b>Alva, Oklahoma.</b>							
Wheat Gray Shorts and Screenings .....	16.00	3.50	6.00	55.00	.....	.....	127A
Analysis .....	19.67	4.78	5.93	53.10	11.32	5.20	39J
Analysis <sup>a</sup> .....	15.51	2.72	4.51	61.88	12.05	3.33	154J
Analysis <sup>a</sup> <sup>cb</sup> .....	18.08	3.98	6.33	56.01	11.32	4.28	6K
Analysis .....	18.46	4.09	6.00	56.72	10.36	4.37	547K
Analysis <sup>b</sup> .....	18.92	4.45	6.64	56.08	8.76	5.15	565K
Analysis .....	19.33	4.76	5.92	53.56	11.96	4.47	39T
Analysis .....	17.74	3.39	5.26	58.20	11.45	3.96	97T
<b>Amarillo Cotton Oil Company,</b> <b>Amarillo, Texas.</b>							
43% Protein Cottonseed Meal .....	43.00	6.00	12.00	23.00	.....	.....	1441B
Analysis <sup>a</sup> .....	41.99	6.75	9.81	28.99	6.59	5.87	152K
Analysis <sup>a</sup> .....	42.09	6.19	10.11	29.39	6.02	6.20	221K
Analysis <sup>a</sup> .....	39.53	6.48	10.49	30.27	7.00	6.23	234K
Analysis .....	42.55	6.57	8.76	29.17	6.59	6.36	254K
Analysis .....	43.60	6.39	9.32	28.44	6.25	6.00	329K
43% Protein Cottonseed Cubes .....	43.00	6.00	12.00	23.00	.....	.....	1441H
Analysis <sup>a</sup> .....	41.24	6.16	10.10	28.54	7.65	6.31	215K
Analysis <sup>a</sup> .....	38.09	7.00	10.66	31.26	7.01	5.98	312K
41% Protein Soybean Oil Meal .....	41.00	4.50	7.00	29.00	.....	.....	1441K
Analysis .....	44.15	7.37	6.45	29.03	7.27	5.73	379K
Analysis .....	45.74	5.35	5.43	29.39	7.73	6.36	446K
Analysis .....	46.50	5.40	5.67	28.82	7.11	6.50	476K
<b>American Fisheries Company,</b> <b>San Diego, California.</b>							
Oliver Brand 65% Protein Fish Meal .....	65.00	5.00	3.00	1.00	.....	.....	1739A
Analysis <sup>a</sup> .....	64.02	7.79	.55	3.03	7.43	17.18	111K
<b>American Flours, Inc.,</b> <b>Newton, Kansas.</b>							
American Ace Wheat Gray Shorts and Screenings .....	16.00	3.50	6.00	55.00	.....	.....	939D
Analysis .....	16.58	3.44	5.52	58.72	11.58	4.16	133T
<b>Anchor Mills Company,</b> <b>Waco, Texas.</b>							
Waco Brand Laying Mash .....	18.00	3.50	6.00	51.00	.....	.....	1958A5
Analysis .....	15.88	3.77	5.92	56.28	9.91	8.24	111W
Analysis .....	17.40	3.67	4.92	57.25	9.64	7.04	231W
O. K. Brand Hog Feed .....	15.50	3.00	4.50	55.30	.....	.....	1958B1
Analysis .....	17.41	3.21	4.17	57.42	11.49	6.30	1W
<b>Anderson, Clayton &amp; Co.,</b> <b>Houston, Texas.</b>							
43% Protein Cottonseed Meal .....	43.00	6.00	12.00	23.00	.....	.....	780B
Analysis .....	42.60	6.88	11.80	23.57	9.22	5.93	14H
Analysis .....	43.68	6.65	11.01	23.60	9.02	6.04	162H
Analysis .....	42.89	6.10	11.75	23.79	9.43	6.07	439H
Analysis <sup>10</sup> .....	43.51	6.67	10.84	24.50	8.53	5.95	147M
43% Protein Cottonseed Pellets .....	43.00	6.00	12.00	23.00	.....	.....	780C
Analysis <sup>11</sup> .....	45.23	5.80	10.35	23.65	9.12	5.99	194H

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>9</sup>Wheat brown shorts and screenings.<sup>10</sup>On quality.<sup>11</sup>Damaged.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Anderson Feed Mill,</b> Stephenville, Texas.							
Laying Mash.....	20.00	4.00	7.50	49.00	.....	.....	2191D
Analysis.....	20.53	4.90	7.45	50.24	9.97	6.91	38T
Analysis.....	21.12	2.44	4.78	53.65	9.71	7.30	210W
Hog Feed.....	16.40	3.00	6.00	58.00	.....	.....	2191Q
Analysis.....	18.27	3.73	3.86	58.23	10.34	5.57	15T
<b>Anderson Grain Company,</b> Nacogdoches, Texas.							
Anderson's Special Dairy Feed.....	18.00	3.50	13.00	46.00	.....	.....	1263A
Analysis <sup>12</sup> .....	19.00	3.09	6.76	52.26	10.84	8.05	445J
Anderson's Special Laying Mash.....	19.00	3.60	7.50	50.00	.....	.....	1263B
Analysis.....	20.38	4.04	7.84	49.91	10.43	7.30	6J
Analysis <sup>13</sup> .....	22.09	5.04	6.97	47.01	9.97	8.92	289J
Anderson's Special Hog Feed.....	14.50	4.40	8.00	54.00	.....	.....	1263C
Analysis.....	16.28	3.25	3.67	60.52	11.56	4.72	79J
Analysis <sup>14</sup> .....	17.05	2.79	3.68	61.47	11.17	3.84	446J
Anderson's Special 20% Protein Dairy Feed.....	20.00	3.00	13.50	44.00	.....	.....	1263F
Analysis.....	20.50	3.30	9.74	49.42	10.45	6.59	143J
<b>Andrews Feed Store, S. A.,</b> Stephenville, Texas.							
Sid's Cow Feed.....	18.00	4.00	13.00	47.50	.....	.....	2669A
Analysis.....	18.22	4.02	13.33	48.69	9.14	6.60	157T
<b>Andy's Feed Store,</b> Pilot Point, Texas.							
Andy's Dairy Feed.....	16.00	3.00	10.30	52.00	.....	.....	1812I
Analysis <sup>15</sup> .....	17.51	2.74	7.54	55.64	11.17	5.40	271T
Andy's Egg Mash.....	18.50	3.50	6.00	49.00	.....	.....	1812J
Analysis <sup>16</sup> .....	20.05	4.67	3.23	50.66	10.26	11.13	88T
<b>Angelo Feed &amp; Grain Company,</b> San Angelo, Texas.							
Angelo Dairy Feed.....	19.00	3.60	11.00	45.00	.....	.....	2675A
Analysis <sup>17</sup> .....	19.38	3.50	7.23	54.62	8.51	6.76	519S
Chowmix Hog Feed B.....	14.00	3.00	6.00	56.00	.....	.....	2675G
Analysis.....	14.85	2.90	3.18	65.79	9.72	3.56	407S
Chowmix 18% Protein Dairy Feed E.....	18.00	3.50	14.00	46.00	.....	.....	2675H
Analysis.....	21.32	3.95	9.15	48.48	9.91	7.19	249S
Williams Growing Mash.....	15.00	3.50	5.80	55.60	.....	.....	2675O
Analysis <sup>18</sup> .....	17.79	4.15	5.54	60.49	4.39	7.64	294S
<b>Archer-Daniels-Midland Company,</b> Minneapolis, Minnesota, and Branches.							
34% Protein Old Process Linseed Meal.....	34.00	3.50	9.00	33.00	.....	.....	1197A
Analysis.....	36.50	5.21	7.79	34.33	10.22	5.95	76J
Analysis.....	36.35	5.46	7.88	34.47	10.25	5.59	3K
Analysis <sup>19</sup> .....	36.07	5.09	7.91	34.59	10.36	5.98	324M
Archer Brand 34% Protein Old-Process Oil Meal.....	34.00	3.50	9.00	33.00	.....	.....	1197A
Analysis <sup>1</sup> .....	36.25	5.20	8.54	34.10	9.72	6.19	304J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>12</sup>Cottonseed meal, corn gluten feed, and linseed meal claimed, not found. Kafir meal found, not claimed.<sup>13</sup>Ground whole oats claimed, not found.<sup>14</sup>Cottonseed meal, linseed meal, and rice bran claimed, not found.<sup>15</sup>Sorghum seed found, not claimed.<sup>16</sup>Excess of salt found.<sup>17</sup>Soybean oil meal found, not claimed.<sup>18</sup>Cottonseed meal found, not claimed. Registration canceled.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Archer-Daniels-Midland Co. (Cont.)</b> Minneapolis, Minnesota, and Branches.							
"Midland" Linseed Meal and Flaxseed Screenings Oil Feed—30% Protein Analysis <sup>a</sup>	30.00 30.47	4.50 6.15	10.00 11.14	37.00 37.28	7.87	7.09	1197C 401S
Archer Brand 44% Protein Soybean Oil Meal Analysis	44.00 47.49	0.50 .64	7.00 5.80	29.00 30.14	10.07	5.86	1197E 95S
<b>Archer Grain Company, Inc.,</b> Houston, Texas.							
Archer's XXX Egg Mash Analysis	20.00 22.04	3.50 5.10	6.50 5.19	47.00 49.17	11.08	7.42	846C 241M
Analysis <sup>10</sup>	21.41	4.39	5.27	53.14	10.13	5.66	481M
Archer's XXX Starter Mash Analysis	19.00 19.98	3.70 4.49	5.50 4.78	49.00 52.16	11.74	6.85	846E 240M
Hog Feed Analysis <sup>20</sup>	15.60 18.78	4.20 3.73	7.90 5.44	52.20 56.15	9.98	5.92	846A1 479M
Centennial Brand Laying Mash Analysis <sup>a</sup>	18.00 20.03	3.50 4.46	6.00 4.64	51.80 51.57	11.39	7.91	846A2 88M
Centennial Brand Laying Mash Analysis	20.00 20.18	3.50 5.03	8.00 6.68	47.50 50.43	10.42	7.26	846A2 367M
24% Protein Dairy Feed Analysis	24.00 24.83	4.50 5.79	10.30 9.31	41.80 43.39	10.10	6.58	846A3 239M
Archer's XXX Broiler Mash Analysis <sup>21</sup>	19.00 18.53	3.60 4.08	6.00 5.57	51.00 57.09	9.84	4.89	846A4 480M
Dry and Freshening Cow Feed Analysis <sup>22</sup>	15.40 12.85	3.00 4.10	12.00 10.65	47.40 52.33	12.76	7.31	846B4 366M
<b>Arizona Flour Mills Company,</b> Phoenix, Arizona.							
Dehydrated Alfalfa Leaf Meal Analysis	20.00 20.24	2.50 3.38	18.00 17.96	40.00 43.36	4.88	10.18	819B 225S
<b>Arkansas City Flour Mills Company, The,</b> Arkansas City, Kansas.							
Wheat Bran and Screenings Analysis	14.50 17.35	3.50 4.76	10.00 9.41	50.00 53.27	8.54	6.67	1670B 128T
A-1 Brand Feed-All Feed Analysis	12.00 13.81	2.50 2.69	14.00 5.99	50.00 60.91	10.10	6.50	1670I 468J
A-1 Brand 16% Protein Dairy Feed Analysis <sup>b</sup> <sup>23</sup>	16.00 19.25	3.00 3.27	14.50 9.40	45.00 51.46	9.14	7.48	1670O 515J
<b>Arlington Grain Company,</b> Arlington, Texas.							
Laying Mash Analysis	20.00 20.88	3.50 4.92	6.70 6.43	44.60 48.39	9.01	10.37	2379D 79T
Rainbow Laying Mash Analysis <sup>24</sup>	19.00 21.21	4.00 5.05	5.00 4.47	51.00 51.65	9.11	8.51	2379N 80T

*a, b, c, d, e, f, g, b, i, j, k*—See legend at the beginning of this table.<sup>10</sup>Fish meal claimed, not found. Deficient in oyster shell.<sup>20</sup>Fish meal claimed, not found.<sup>21</sup>Deficient in oyster shell and salt.<sup>22</sup>Cottonseed meal claimed, not found.<sup>23</sup>Defaced tags attached.<sup>24</sup>Cottonseed meal, and distillers' dried solubles found, not claimed. Fish meal claimed, not found.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Armour and Company,</b> Chicago, Illinois, and Branches.							
Armour's Dried Buttermilk (Feeding).....	32.00	6.00	1.00	35.00			541B
Analysis <sup>a25</sup> .....	35.27	7.69	.22	37.16	8.46	11.20	310K
Armour's 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00			541G
Analysis.....	50.86	10.67	1.48	.50	7.68	28.81	104K
Analysis <sup>a</sup> .....	51.75	12.46	1.57	2.63	6.19	25.40	488K
Analysis <sup>a</sup> .....	49.95	10.34	1.68	.07	8.36	29.60	110M
Analysis.....	50.20	10.42	2.22	.12	6.92	30.12	6S
Analysis.....	49.59	9.76	1.48	.50	7.51	31.16	17W
Armour's 55% Protein Meat Scraps.....	55.00	6.00	3.00	0.00			541I
Analysis <sup>a26</sup> .....	56.17	7.92	1.48	.47	6.80	27.16	476J
Analysis.....	55.55	8.81	1.62	.08	6.32	27.62	230W
Armour's 60% Protein Meat Scraps.....	60.00	6.00	3.00	3.00			541J
Analysis.....	60.25	7.48	1.32	.19	7.47	23.29	204T
Analysis.....	61.09	9.76	1.18	.00	6.98	20.99	79W
<b>Athens Oil Mill,</b> Athens, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			567F
Analysis <sup>a</sup> .....	41.07	6.21	11.92	27.45	7.57	5.78	101J
Analysis <sup>a</sup> .....	42.10	6.61	11.35	26.54	7.71	5.69	207J
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00			567H
Analysis.....	43.43	7.30	5.50	30.03	8.51	5.23	262J
Analysis.....	45.48	5.14	4.08	30.60	8.54	6.16	373J
<b>Atlanta Flour and Feed Company,</b> Atlanta, Texas.							
Newkirk's 24% Protein Dairy Feed.....	24.00	3.70	11.00	44.00			1548A
Analysis.....	25.02	4.44	9.15	45.82	8.41	7.16	301J
<b>Auge Packing Company, Ed.,</b> San Antonio, Texas.							
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00			1724A
Analysis.....	54.41	9.85	1.25	.42	7.21	26.86	177H
<b>Ayers &amp; Son, Ray C.,</b> Slaton, Texas.							
Ayers Supreme Brand Sweet Feed.....	9.00	1.60	28.00	43.50			283C
Analysis.....	9.22	2.04	25.03	46.10	10.66	6.95	477S
Analysis.....	9.45	1.63	23.83	46.70	10.46	7.93	311T
Ayers Supreme Brand 18% Protein Egg Mash.....	18.00	3.50	8.00	50.00			283H
Analysis.....	18.27	3.65	5.39	56.47	9.22	7.00	391K
Ayers Supreme Brand 40% Protein Supplement for Pigs-N-Hogs.....	40.00	4.00	8.00	24.00			283P
Analysis <sup>k27</sup> .....	38.13	4.48	9.16	25.04	8.50	14.69	91K
Analysis <sup>k28</sup> .....	40.02	6.37	7.40	22.82	6.62	16.77	290K
Ayers Supreme Brand 20% Protein Cattle Feed Cubes.....	20.00	3.00	10.50	42.00			283Q
Analysis <sup>28</sup> .....	18.69	3.04	7.35	54.74	10.50	5.68	182K
R. C. A. Double-Five Brand Egg Mash.....	18.00	3.50	6.00	54.00			283X
Analysis <sup>28</sup> .....	18.53	2.81	5.62	56.16	10.33	6.55	183K
Mixed Feed.....	10.00	2.20	3.00	68.00			283B9
Analysis <sup>29</sup> .....	14.68	1.97	3.29	66.51	11.23	2.32	518J
Analysis <sup>a30</sup> .....	12.68	2.74	3.00	68.84	10.36	2.38	522K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>a25</sup>Tags present but not attached.<sup>a26</sup>Dried blood present.<sup>a27</sup>Linseed meal found, not claimed.<sup>a28</sup>Deficient in ground limestone.<sup>a29</sup>Ground wheat present damaged by fire and water.<sup>a30</sup>Short in weight. Used by dealer in feeding own stock.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Bagwell, W. L.,</b> <b>Greenville, Texas.</b>							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1650B
Analysis.....	8.26	3.02	9.18	67.76	10.34	1.44	179J
Bagwell's Big B Brand Laying Mash.....	18.00	3.50	7.40	50.00	.....	.....	1650G
Analysis.....	19.78	5.01	7.61	49.93	10.81	6.86	121J
Special Mix Hog Feed.....	14.00	3.00	6.00	58.00	.....	.....	1650I
Analysis.....	16.20	7.84	7.31	49.60	11.08	7.97	21J
Reliable Brand 36% Protein Supplement for Hogs.....	36.00	3.00	8.80	27.50	.....	.....	1650N
Analysis <sup>31</sup> .....	40.01	3.50	9.31	28.64	8.21	10.33	283J
Reliable Brand Chick Starter.....	17.50	3.70	7.00	50.60	.....	.....	1650O
Analysis.....	18.30	4.63	6.27	52.52	11.00	7.28	334J
Quality Brand Hog Feed.....	15.00	3.00	6.00	51.00	.....	.....	1650T
Analysis.....	16.59	2.36	4.15	61.06	10.46	5.38	497J
<b>Bailey's Feed Store,</b> <b>Rosenberg, Texas.</b>							
Red Star Dairy Feed.....	24.00	4.00	12.00	40.00	.....	.....	1392A
Analysis <sup>32</sup> .....	23.24	3.85	8.88	44.57	12.21	7.25	271M
Rice Hulls, Molasses, Alfalfa Stem Meal, Cottonseed Meal, Rice Bran, Corn Chop, and Salt.....	6.00	1.20	23.50	38.50	.....	.....	1392D
Analysis <sup>32</sup> .....	5.82	1.49	23.85	38.40	14.02	16.42	269M
Red Star Growing Mash.....	18.00	4.00	5.00	49.00	.....	.....	1392G
Analysis.....	16.60	2.97	4.26	60.73	10.39	5.05	511M
Red Star Egg Mash.....	19.00	3.80	7.00	50.00	.....	.....	1392K
Analysis <sup>33</sup> .....	17.28	3.52	4.82	58.85	9.96	5.57	512M
Red Star Hog and Pig Feed.....	14.00	5.80	8.00	36.00	.....	.....	1392O
Analysis <sup>34</sup> .....	14.40	7.94	6.53	47.16	12.09	11.88	270M
<b>Bain Peanut Company of Texas,</b> <b>Fort Worth, Texas.</b>							
Bapco Brand 43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	.....	.....	588A
Analysis <sup>35</sup> .....	36.26	12.21	12.54	24.33	6.24	8.42	301T
Bapco Brand 43% Protein Peanut Cake.....	43.00	6.00	12.00	23.00	.....	.....	588B
Analysis <sup>36</sup> .....	34.81	17.50	9.63	24.01	5.44	8.61	160T
Analysis <sup>36</sup> .....	33.88	14.53	12.46	24.41	4.92	9.80	231T
36% Protein Flaked Peanut Feed.....	36.00	5.00	22.00	28.00	.....	.....	588L
Analysis.....	44.07	11.70	6.77	27.10	4.96	5.40	362T
36% Protein Ground Peanut Feed.....	36.00	5.00	22.00	28.00	.....	.....	588M
Analysis <sup>36</sup> .....	39.10	12.05	15.79	21.40	6.58	5.08	80H
<b>Bankhead Feed Store,</b> <b>Arlington, Texas.</b>							
Bankhead Dari-Mix.....	18.80	3.30	13.40	45.00	.....	.....	2018B
Analysis <sup>38</sup> .....	20.66	3.95	11.90	47.57	9.68	6.24	81T
<b>Barnett and Powers Produce Company,</b> <b>Marlin, Texas.</b>							
Marlin-Mix Dairy Feed.....	20.60	3.20	15.00	43.00	.....	.....	1993B
Analysis.....	21.30	3.35	15.86	42.80	9.88	6.81	18W
<b>Barron's Electric Hatchery,</b> <b>Lamesa, Texas.</b>							
Eureka Brand Laying Mash No. 1.....	19.00	3.60	7.00	46.00	.....	.....	1077B
Analysis.....	20.58	4.47	6.89	49.03	9.24	9.79	187K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>31</sup>Fish meal claimed, not found. Peanut meal found, not claimed.<sup>32</sup>Calcium carbonate present, not claimed.<sup>33</sup>Deficient in salt.<sup>34</sup>Oyster shell claimed, not found. Limestone found, not claimed.<sup>35</sup>Used by manufacturer in feeding own stock.<sup>36</sup>Deficient in ground limestone.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Bauch &amp; Simpson,</b> Yorktown, Texas. Breeder Laying Mash.....	18.70	3.50	6.30	46.70	11.60	7.84	660A
Analysis.....	21.14	4.13	5.55	49.74			66H
<b>Bawden Fuel and Feed Company,</b> Plainview, Texas. Rainbow Egg Mash.....	20.00	3.50	6.00	47.00			1339U
Analysis.....	20.89	4.06	5.28	50.59	9.75	9.43	304K
Rainbow All-Mash Chick Starter.....	20.00	3.50	6.50	48.50			1339X
Analysis.....	21.11	3.88	5.43	50.63	10.29	8.66	205K
Rainbow Growing Mash.....	18.00	3.50	7.00	50.00			1339Y
Analysis.....	19.67	4.15	5.33	53.56	8.71	8.58	533K
Rainbow 16% Protein Dairy Feed.....	16.00	3.00	11.00	51.00			1339A9
Analysis.....	19.17	3.48	8.94	50.92	10.71	6.78	309K
Rainbow 18% Protein Egg Mash.....	18.00	3.50	7.50	50.00			1339B9
Analysis <sup>e</sup> .....	18.90	3.88	5.41	53.30	11.43	7.08	110K
Rainbow 18% Protein Egg Mash.....	18.00	3.50	6.00	53.00			1339B9
Analysis.....	19.79	4.23	4.84	55.78	8.72	6.64	442K
War-Time Utility Mash.....	18.00	3.50	6.00	53.00			1339D6
Analysis.....	19.51	3.55	5.30	57.19	9.18	5.27	532K
<b>Beaumont Rice Mills,</b> Beaumont, Texas. Rice Polishings containing Limestone.....	11.00	6.00	3.00	55.00			494A
Analysis.....	12.98	9.93	2.03	58.13	10.80	6.13	60M
Rice Bran containing Limestone.....	13.00	13.00	15.00	36.00			494B
Analysis.....	13.23	13.93	12.48	39.44	8.39	12.53	61M
Analysis <sup>37</sup> .....	10.17	10.91	17.05	37.39	9.32	15.16	444M
<b>Beeville Feed and Seed Company,</b> Beeville, Texas. Leghorn Brand Standard Laying Mash.....	18.00	3.50	6.80	49.00			1774H
Analysis <sup>38</sup> .....	17.10	7.32	7.10	46.70	9.82	11.96	151H
<b>Benham &amp; Company, Inc.,</b> Mineola, Texas. 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00			1876A
Analysis <sup>c</sup> .....	40.11	6.47	12.04	27.33	8.05	6.00	384J
<b>Bennett &amp; Sons, S. L.,</b> Gainesville, Texas. Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00			1735B
Analysis <sup>39</sup> .....	8.02	2.65	11.18	62.71	10.71	4.73	303T
<b>Berend Bros. Feed Store,</b> Windthorst, Texas. Ground Whole Barley.....	11.00	1.50	6.00	65.00			1549C
Analysis.....	13.66	1.68	4.71	67.09	10.03	2.83	120T
<b>Berend Brothers,</b> Gainesville, Texas. B&B Dairy Feed.....	15.00	3.00	15.00	46.50			1527A
Analysis.....	20.03	4.05	11.49	46.53	10.19	7.71	54T
<b>Bewley Mills,</b> Fort Worth, Texas. Anchor Hominy Feed.....	10.00	6.00	7.00	60.00			4B
Analysis.....	10.65	4.92	2.56	68.16	11.78	1.93	96J
Anchor 15% Protein Dairy Feed.....	15.00	3.00	11.00	49.50			4N
Analysis <sup>40</sup> .....	16.34	3.95	7.64	56.91	9.85	5.31	41K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>37</sup>Excess of rice hulls present.<sup>38</sup>Rice bran found, not claimed.<sup>39</sup>Salt found, not claimed.<sup>40</sup>Cottonseed meal and kafir meal found, not claimed. Deficient in salt.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Bewley Mills (Continued), Fort Worth, Texas</b>							
Anchor 18% Protein Dairy Feed.....	18.00	3.50	10.50	46.00	.....	.....	4O
Analysis.....	21.33	3.54	8.22	50.88	10.74	5.29	147H
Analysis.....	20.39	3.17	6.78	54.10	10.79	4.77	366J
Analysis.....	18.34	2.80	6.64	55.13	11.15	5.94	9K
Analysis <sup>41</sup> .....	15.68	3.26	8.52	56.96	11.64	3.94	391M
Analysis <sup>42e</sup> .....	18.36	2.67	5.87	56.95	11.92	4.23	M
Anchor 18% Protein Dairy Feed.....	18.00	3.30	10.50	47.00	.....	.....	4O
Analysis.....	19.56	2.84	6.48	56.45	9.05	5.62	456H
Anchor Wheat Bran, Wheat Brown Shorts and Screenings.....	14.50	3.50	9.20	55.00	.....	.....	4R
Analysis.....	17.11	4.50	8.11	54.72	10.18	5.38	530K
Analysis.....	17.55	4.14	8.53	52.37	11.38	6.03	1M
Analysis.....	17.90	4.57	8.61	51.15	11.78	6.00	168T
Anchor Pig Ration.....	16.50	3.00	7.00	48.00	.....	.....	4W
Analysis.....	20.91	5.49	7.72	47.03	9.47	9.38	156W
Blue Anchor 16% Protein Mixed Feed.....	16.00	2.00	13.00	48.00	.....	.....	4Y
Analysis <sup>k</sup> .....	20.48	2.44	8.14	50.99	11.65	6.30	120H
Analysis.....	15.57	2.61	8.04	57.13	10.95	5.70	317H
Analysis.....	17.31	2.70	10.69	49.45	11.61	8.24	337M
Analysis <sup>e</sup> .....	18.32	2.94	10.71	49.94	9.90	8.19	85W
Blue Anchor 16% Protein Mixed Feed.....	16.00	2.50	13.00	48.00	.....	.....	4Y
Analysis.....	17.91	2.82	7.64	57.43	8.44	5.76	457H
Analysis.....	15.80	2.78	9.87	55.86	10.01	5.68	228W
Joy Stock Feed.....	9.00	2.00	16.00	56.00	.....	.....	4A6
Analysis <sup>43</sup> .....	12.63	2.79	9.27	57.73	11.05	6.53	146H
Analysis <sup>43</sup> .....	13.47	3.42	6.44	60.50	10.72	5.45	259K
Analysis.....	12.82	2.81	5.01	65.31	10.07	3.98	292M
Blue Anchor 5 Egg Mash.....	19.00	3.50	7.50	45.00	.....	.....	4B2
Analysis <sup>e</sup> .....	19.38	3.81	5.54	53.71	11.22	6.34	119H
Blue Anchor 5 Egg Mash.....	18.00	3.50	7.50	45.00	.....	.....	4B2
Analysis <sup>44</sup> .....	17.20	2.75	6.32	58.36	10.55	4.82	316H
Analysis <sup>44</sup> .....	20.06	3.11	5.21	54.98	10.71	5.93	468H
Analysis <sup>k</sup> .....	19.08	2.99	5.90	56.55	9.66	5.82	225W
Blue Anchor 5 Egg Mash Chunkets.....	19.00	3.50	7.50	45.00	.....	.....	4B7
Analysis <sup>45</sup> .....	20.70	3.84	6.22	52.62	9.64	6.98	100J
Analysis.....	19.85	3.56	5.08	52.25	11.20	8.06	228M
Blue Anchor Horse and Mule Feed.....	9.50	2.70	12.80	56.00	.....	.....	4B9
Analysis <sup>46</sup> .....	11.24	3.57	6.99	61.25	13.39	3.56	133M
Analysis.....	10.50	3.15	7.86	60.50	13.62	4.37	200T
Anchor 30% Protein Supplement for Swine.....	30.00	3.50	7.00	35.00	.....	.....	4C9
Analysis.....	31.39	3.70	7.57	37.88	9.70	9.76	185H
Analysis.....	28.99	4.48	6.50	38.90	10.42	10.71	225H
Analysis.....	31.84	3.97	6.68	36.79	9.63	11.09	25W

*a, b, c, d, e, f, g, h, i, j, k*—See legend at the beginning of this table.<sup>41</sup>Milo meal, kafir meal, and ground whole oats found, not claimed.<sup>42</sup>Milo meal and kafir meal found, not claimed.<sup>43</sup>Deficient in ground limestone and salt.<sup>44</sup>Deficient in oyster shell and salt.<sup>45</sup>Linseed meal and fish meal found, not claimed.<sup>46</sup>Cottonseed meal and corn gluten feed found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Bewley Mills (Continued), Fort Worth, Texas.</b>							
Anchor Wheat Gray Shorts and Screenings .....	16.00	3.50	6.00	55.00	.....	.....	4E4
Analysis <sup>47</sup> .....	15.73	2.92	6.74	59.23	10.65	4.73	267K
Analysis .....	16.44	3.41	4.14	60.38	12.82	2.81	170T
Analysis .....	16.29	3.51	4.10	60.86	12.37	2.87	208T
Anchor Fattening Mash .....	15.50	5.50	6.00	57.00	.....	.....	4F2
Analysis <sup>48</sup> .....	16.99	5.63	4.99	58.90	10.13	3.36	43K
Anchor Egg Mash .....	20.00	3.80	7.20	45.30	.....	.....	4F3
Analysis <sup>49</sup> .....	20.70	3.94	4.74	54.00	9.88	6.74	357H
Analysis <sup>49</sup> .....	20.04	3.58	8.26	50.92	10.21	6.99	370H
Analysis .....	17.54	4.14	6.05	55.24	10.04	6.99	3J
Analysis .....	21.10	4.49	6.32	50.70	9.80	7.59	24T
Analysis <sup>50</sup> .....	19.35	3.99	5.06	53.99	10.98	6.63	88W
Analysis <sup>50</sup> .....	17.70	4.17	6.56	55.00	9.64	6.93	160W
Analysis <sup>51</sup> .....	17.11	3.47	5.45	58.60	8.87	6.50	255W
Anchor Growing Mash .....	17.00	3.60	7.00	51.00	.....	.....	4F4
Analysis <sup>49</sup> .....	20.24	3.50	5.35	54.00	10.39	6.52	369H
Analysis <sup>49</sup> .....	19.16	3.97	7.00	55.56	8.53	5.78	380H
Analysis .....	17.51	4.06	6.74	56.23	9.08	6.38	371K
Analysis <sup>49</sup> .....	17.10	3.87	6.94	57.84	9.71	4.54	440S
Blue Anchor 24% Protein Dairy Feed .....	24.00	3.50	10.00	42.00	.....	.....	4G6
Analysis <sup>52</sup> .....	24.20	2.96	8.63	47.86	10.87	5.48	130J
Analysis <sup>52</sup> .....	21.84	3.57	8.90	50.14	9.26	6.29	128K
Anchor All-Mash Starter .....	16.00	3.80	6.50	53.80	.....	.....	4G8
Analysis .....	18.56	3.82	5.40	55.72	11.07	5.43	257H
Analysis <sup>53</sup> .....	15.51	3.23	4.24	62.29	10.41	4.32	356H
Analysis .....	16.89	3.73	4.96	59.38	10.59	4.45	349J
Analysis <sup>54</sup> .....	16.39	4.46	6.22	60.20	8.81	3.92	560K
Analysis .....	15.28	3.76	5.25	57.57	10.54	7.60	275S
Analysis <sup>55</sup> .....	16.31	3.62	4.76	60.59	10.53	4.19	125W
Anchor 32% Protein Supplement for Poultry .....	32.00	4.30	7.00	23.00	.....	.....	4G9
Analysis <sup>53</sup> .....	28.89	2.99	6.56	31.90	8.05	21.61	68W
Anchor 20% Protein Cattle and Sheep Feed Chunkets .....	20.00	2.80	7.50	50.00	.....	.....	4J5
Analysis .....	19.78	3.40	7.14	54.18	9.47	6.03	229S
Anchor 16% Protein Cattle and Sheep Feed Chunkets .....	16.00	2.50	8.00	51.00	.....	.....	4K4
Analysis <sup>56</sup> .....	16.90	3.14	7.84	57.00	9.61	5.51	100S
Anchor 16% Protein Cattle and Sheep Feed Chunkets .....	16.00	2.60	8.00	53.50	.....	.....	4K4
Analysis .....	18.05	3.17	6.13	57.59	10.50	4.56	248J
Analysis <sup>56</sup> .....	17.05	3.30	7.88	56.25	10.44	5.08	208S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>47</sup>Wheat brown shorts and screenings.<sup>48</sup>Soybean oil meal found, not claimed.<sup>49</sup>Deficient in oyster shell.<sup>50</sup>Linseed meal found, not claimed.<sup>51</sup>Deficient in oyster shell and salt.<sup>52</sup>Oats found, not claimed.<sup>53</sup>Deficient in oyster shell. Excess of salt found.<sup>54</sup>Deficient in oyster shell and salt.<sup>55</sup>Deficient in oyster shell.<sup>56</sup>Deficient in limestone and salt.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Bibb Company, H. T., Fort Worth, Texas.</b>							
18% Protein Dairy Feed.....	18.00	3.80	13.00	44.00	.....	.....	1972P
Analysis <sup>57</sup> .....	19.38	2.95	11.97	49.10	8.94	7.66	365T
<b>Big Spring Cotton Oil Company, Big Spring, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	216D
Analysis <sup>c</sup> .....	42.42	6.52	10.34	27.07	7.90	5.75	83S
Analysis.....	43.06	6.05	10.46	27.25	7.60	5.58	119S
Analysis <sup>c</sup> .....	41.66	6.99	11.22	27.07	7.58	5.48	136S
Analysis <sup>c</sup> .....	42.18	7.01	9.48	27.82	7.81	5.70	178S
Analysis.....	42.86	6.40	10.54	26.72	7.92	5.56	211S
Analysis <sup>c</sup> .....	42.37	6.73	10.07	27.08	8.24	5.51	214S
Analysis.....	42.58	6.74	10.26	27.11	8.07	5.24	G
<b>Big Value Mills, Dallas, Texas.</b>							
Big Value Brand 40% Protein Supplement for Hogs.....	40.00	3.00	7.00	24.00	.....	.....	2263P
Analysis <sup>b58</sup> .....	27.17	3.08	5.62	40.22	8.93	14.98	321T
Big Value Brand Growing Mash.....	18.00	4.00	8.00	50.00	.....	.....	2263T
Analysis.....	18.74	5.41	5.68	56.39	8.25	5.53	75T
Big Value Brand Egg Mash.....	20.00	4.00	8.00	45.00	.....	.....	2263X
Analysis <sup>59</sup> .....	20.90	5.79	4.96	53.41	9.21	5.73	74T
Economy Brand Egg Mash.....	18.00	3.60	6.00	51.60	.....	.....	2263A1
Analysis <sup>60</sup> .....	17.32	4.65	4.24	58.85	10.27	4.67	275T
<b>Billingsley and Son, J. C., Lamesa, Texas.</b>							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1645A
Analysis.....	7.59	2.98	10.56	65.53	9.31	4.03	388H
<b>Bishop, L. R., Matador, Texas.</b>							
Chowmix Laying Mash.....	18.00	3.50	8.00	48.00	.....	.....	1435E
Analysis.....	18.45	4.16	5.59	55.98	9.45	6.37	426K
Chowmix 16% Protein Dairy Feed F.....	16.00	3.00	14.00	42.00	.....	.....	1435I
Analysis.....	17.55	4.08	8.02	53.44	10.46	6.45	175K
<b>Bishop Grain &amp; Coal Company, Memphis, Texas.</b>							
Bishop's Hallico Egg Mash.....	18.00	3.50	8.00	49.50	.....	.....	2189B
Analysis.....	19.46	5.63	5.68	52.22	9.61	7.40	333K
Bishop's Best Egg Mash.....	18.00	3.50	7.50	49.50	.....	.....	2189K
Analysis <sup>b61J</sup> .....	18.88	3.83	7.92	51.36	8.41	9.60	160K
Bishop's Best Growing Mash.....	16.00	3.50	7.00	52.80	.....	.....	2189L
Analysis <sup>62</sup> .....	15.96	2.84	4.25	60.38	10.90	5.67	495K
<b>Bishop Milling Company, Bishop, Texas.</b>							
Velvet Brand 43% Protein Sesame Oil Meal.....	43.00	7.00	6.00	20.00	.....	.....	2076F
Analysis.....	43.92	9.51	5.50	22.21	7.16	11.70	161H
Velvet Brand All-Mash Poultry Ration.....	18.80	3.50	6.20	52.00	.....	.....	2076S
Analysis.....	19.20	3.73	4.80	54.74	10.65	6.88	299H
Velvet Big Value Brand Laying Mash.....	18.00	3.50	6.70	51.00	.....	.....	2076X
Analysis.....	19.57	4.03	6.41	53.81	9.58	6.60	217H

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>57</sup>Rice hulls found, not claimed.<sup>58</sup>Excess of ground limestone found.<sup>59</sup>Deficient in ground limestone.<sup>60</sup>Deficient in ground limestone and salt.<sup>61</sup>In pellet form. Ground and fed to stock of manufacturer.<sup>62</sup>Fish meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Bishop Milling Co. (Continued), Bishop, Texas.</b>							
Velvet Brand 34% Protein Concentrate for Poultry	34.00	3.50	9.00	30.70	.....	.....	2076A3
Analysis <sup>63</sup>	29.37	4.65	7.81	31.39	8.26	18.52	289H
Velvet Brand Bordens 18% Protein Dairy Feed	18.00	3.00	8.30	51.60	.....	.....	2076B5
Analysis <sup>64</sup>	20.30	3.79	7.27	50.78	11.04	6.82	163H
Analysis	18.68	3.10	8.27	54.80	9.18	5.97	436H
Analysis	19.17	3.06	8.71	53.94	9.09	6.03	442H
Analysis <sup>65</sup>	17.66	3.44	8.84	54.47	9.73	5.86	R
Velvet Brand Bordens 22% Protein Dairy Feed	22.00	3.00	10.00	44.50	.....	.....	2076B6
Analysis	22.96	4.26	10.34	48.41	7.51	6.52	219H
Analysis	20.95	3.85	10.69	47.60	10.24	6.67	290H
Analysis <sup>66</sup>	22.70	3.37	8.78	49.15	10.07	5.93	451H
Velvet Big Value Brand 12% Protein Sweet Feed	12.00	2.50	10.50	52.50	.....	.....	2076C4
Analysis	12.72	2.15	7.98	57.01	12.26	7.88	441H
<b>Blair Elevator Corporation, The, Atchison, Kansas.</b>							
Certified Brand 16% Protein Dairy Feed	16.00	3.00	12.00	48.00	.....	.....	696E
Analysis	16.01	3.17	10.47	50.79	9.99	9.57	243W
Valley Laying Mash	18.00	3.50	7.70	46.00	.....	.....	696N
Analysis	18.54	4.26	5.18	53.65	10.44	7.93	102W
Certified Brand Pig Slopper	15.00	3.00	8.00	55.00	.....	.....	696B4
Analysis <sup>64</sup>	14.47	1.90	4.16	58.71	11.52	9.24	149W
Valley 16% Protein Dairy Feed	16.00	3.50	10.00	49.30	.....	.....	696C6
Analysis <sup>66</sup>	16.43	4.25	14.12	45.11	10.62	9.47	103W
<b>Blair Milling Company, The, Atchison, Kansas.</b>							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	.....	.....	2349B
Analysis	16.75	3.44	5.47	57.25	12.89	4.20	11W
Analysis	17.40	3.82	6.12	56.40	11.64	4.62	51W
<b>Blatchford Calf Meal Company, Waukegan, Illinois.</b>							
Blatchford's V-D	31.00	4.00	5.50	35.00	.....	.....	2149C
Analysis <sup>65</sup>	31.23	4.42	5.42	40.50	9.80	8.63	211T
<b>Bledsoe Feed &amp; Fuel Company, San Angelo, Texas.</b>							
Bledsoe's Winner Brand Dairy Cow Feed	17.50	3.80	11.00	49.00	.....	.....	78A
Analysis <sup>66</sup>	18.76	3.90	9.63	50.32	9.75	7.64	58S
Triple-Concho Laying Mash	18.00	3.50	6.00	49.00	.....	.....	78B
Analysis <sup>66</sup>	18.70	2.96	2.56	54.92	11.35	9.51	359S
Triple-Concho Laying Mash	18.00	3.50	6.00	55.00	.....	.....	78B
Analysis	20.79	3.01	4.67	51.80	10.41	9.32	474S
Triple-Concho Starting and Growing Mash	18.00	3.60	6.00	53.00	.....	.....	78C
Analysis	18.77	4.50	5.25	55.99	9.98	5.51	309S
<b>Blue Bonnet Packing Company, Fort Worth, Texas.</b>							
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	.....	.....	985A
Analysis	55.75	11.39	.99	1.63	6.53	23.71	125T
60% Protein Digester Tankage	60.00	2.50	3.00	0.00	.....	.....	985C
Analysis <sup>67b</sup>	53.08	9.70	1.71	3.11	7.19	25.21	166W

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>63</sup>Fish meal claimed, not found. Calcium carbonate and salt found, not claimed.<sup>64</sup>Deficient in ground limestone.<sup>65</sup>Calcium carbonate found, not claimed.<sup>66</sup>Excess of salt found.<sup>67</sup>Meat and bone scraps and invoiced as such.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Bohannon, W. L., Frederick, Oklahoma.</b>							
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	1995B
Analysis <sup>a</sup> .....	17.92	1.53	28.46	37.66	5.63	8.80	259T
<b>Bonner Feed Company, Athens, Texas.</b>							
Bonner's Special 18% Protein Dairy Feed.....	18.00	4.00	12.50	42.00	.....	.....	1167C
Analysis.....	21.32	5.77	8.66	45.40	9.34	9.51	205J
Bonner's Special 5 Brand Egg Mash.....	19.00	4.00	7.50	45.00	.....	.....	1167E
Analysis.....	20.02	5.04	7.30	47.87	10.25	9.52	261J
Bonner's Special 40% Protein Supplement for Swine.....	40.00	4.40	7.20	21.00	.....	.....	1167O
Analysis.....	40.74	6.95	6.52	22.33	7.69	15.77	159J
<b>Bower Feed Store, Graham, Texas.</b>							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	2083H
Analysis.....	13.14	2.99	7.25	62.21	11.41	3.00	49T
<b>Bradfish Grain Company, Weatherford, Texas.</b>							
We-Tex Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1920K
Analysis.....	13.91	3.22	9.91	56.52	12.94	3.50	201T
Analysis <sup>68</sup> .....	14.50	3.13	6.98	64.27	8.11	3.01	291T
We-Tex Sweet Feed No. 2.....	14.00	2.50	17.00	43.50	.....	.....	1920U
Analysis <sup>69</sup> .....	12.22	1.88	11.75	52.23	9.09	12.83	357T
We-Tex Laying Mash.....	18.00	3.60	8.00	46.00	.....	.....	1920A2
Analysis.....	20.87	4.39	7.36	48.39	10.34	8.65	110T
We-Tex 42% Protein Supplement for Pigs-N-Hogs.....	42.00	5.00	9.00	17.00	.....	.....	1920A3
Analysis <sup>70</sup> .....	39.17	6.27	9.36	22.96	7.24	15.00	254T
<b>Bradley Feed Company, Weatherford, Texas.</b>							
O. K. Brand Egg Mash.....	18.50	3.60	6.00	47.00	.....	.....	697G
Analysis.....	19.99	3.12	5.16	54.01	10.88	6.84	18T
Analysis <sup>71</sup> .....	19.23	3.20	5.53	54.03	10.78	7.23	111T
<b>Bradshaw Feed &amp; Seed, Petersburg, Texas.</b>							
Bradshaw's Big B 32% Protein Supplement for Pigs-N-Hogs.....	32.00	4.50	9.00	32.50	.....	.....	1921I
Analysis.....	32.53	5.42	7.24	34.23	7.96	12.62	527K
<b>Brady Cotton Oil Company, Brady, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1074E
Analysis.....	44.80	5.39	11.00	26.24	7.32	5.25	51S
43% Protein Pebble-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1074G
Analysis.....	43.22	6.25	12.20	25.58	7.68	5.07	52S
<b>Brazos Valley Cotton Oil Company, Waco, Texas.</b>							
Longhorn Brand 43% Protein Cottonseed Meal.....	43.00	5.00	12.00	23.00	.....	.....	1254C
Analysis.....	43.03	7.31	9.89	27.11	6.65	6.01	20T
Analysis.....	43.44	6.48	10.07	26.90	7.00	6.11	43W
Analysis.....	43.72	5.99	10.58	26.54	7.48	5.69	58W
Analysis.....	43.24	6.76	10.49	26.53	7.22	5.76	70W
Analysis.....	42.91	5.83	11.18	26.92	7.46	5.70	72W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>68</sup>Wheat, wheat chop, and corn chop present.<sup>69</sup>Deficient in ground limestone. Excess of salt found.<sup>70</sup>Deficient in salt. Excess of ground limestone found.<sup>71</sup>Excess of calcium carbonate found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Brazos Valley Cotton Oil Co. (Cont.), Waco, Texas.</b>							
Longhorn Brand 43% Protein Cottonseed Pellets	43.00	5.00	12.00	23.00			1254F
Analysis <sup>be</sup>	40.81	6.15	11.25	28.99	6.82	5.98	46S
Analysis <sup>be</sup>	41.51	6.65	9.24	28.52	8.21	5.87	47S
Analysis	43.10	6.16	9.70	27.48	7.71	5.85	154S
Analysis	43.04	6.05	10.70	27.03	7.49	5.69	155S
Longhorn Brand 41% Protein Soybean Oil Meal	41.00	5.00	6.00	28.00			1254J
Analysis	44.93	6.31	5.88	26.97	9.32	6.59	119W
Analysis	43.11	7.09	5.76	28.54	9.05	6.45	120W
<b>Bredt &amp; Haley Produce Company, Rockdale, Texas.</b>							
Roc-Tex Brand B & H Special Chick Starter	17.00	3.50	6.30	51.50			2244E
Analysis	16.22	3.33	4.46	58.77	10.74	6.48	453M
Roc-Tex Brand B & H Special Laying Mash	18.50	4.00	7.50	47.00			2244F
Analysis	16.15	3.37	3.77	60.79	9.54	6.38	501M
Analysis <sup>e</sup>	17.82	5.19	7.41	51.13	9.47	8.98	50W
Roc-Tex Brand B & H Special Laying Mash	18.60	3.50	5.50	50.50			2244F
Analysis <sup>72</sup>	15.40	2.77	4.38	61.41	10.68	5.36	517M
Roc-Tex Brand B & H Special Growing Mash	16.00	4.50	7.50	49.50			2244G
Analysis	14.96	3.04	3.87	61.83	10.63	5.67	454M
Roc-Tex Brand Complete Hog Ration	14.00	4.70	7.00	50.70			2244J
Analysis <sup>73</sup>	13.14	3.57	4.29	61.14	10.68	7.18	412M
Analysis <sup>74</sup>	14.80	2.38	2.96	66.20	8.97	4.69	516M
Analysis	11.85	3.63	4.94	61.52	9.52	8.54	145W
Analysis	14.81	2.94	3.12	63.70	10.10	5.33	239W
Jolly Stock Feed	9.00	2.40	27.50	39.00			2244U
Analysis	9.05	3.04	23.35	42.93	9.93	11.70	206M
Roc-Tex Brand 32% Protein Supplement for Hogs	32.00	5.50	10.20	27.80			2244V
Analysis <sup>75</sup>	30.42	5.56	6.07	35.12	7.99	14.84	413M
<b>Brenham Cotton Oil &amp; Manufacturing Company, Brenham, Texas.</b>							
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00			426L
Analysis	43.64	6.31	8.89	28.06	6.88	6.22	43M
<b>Brownfield Milling Company, Brownfield, Texas.</b>							
Paramount Brand Growing Mash	15.00	3.50	6.00	55.00			316M
Analysis <sup>76</sup>	16.00	4.31	6.75	55.35	9.40	8.19	572K
Paramount Brand Laying Mash	18.00	3.50	6.50	47.00			316O
Analysis <sup>76</sup>	17.69	4.94	6.87	54.27	8.65	7.58	297K
<b>Browning Grain Company, Sweetwater, Texas.</b>							
Special Square Deal Brand Egg Mash	18.00	3.50	6.00	48.00			2665D
Analysis <sup>77</sup>	20.98	4.30	4.33	50.01	10.24	10.14	23S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>72</sup>Deficient in ground oyster shell.<sup>73</sup>Deficient in rice bran.<sup>74</sup>Soybean oil meal found, not claimed. Rice bran and feeding tankage with bone claimed, not found.<sup>75</sup>Excess of ground limestone found.<sup>76</sup>Deficient in ground limestone.<sup>77</sup>Soybean oil meal found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Brownwood Cotton Oil Mill,</b> <b>Brownwood, Texas.</b>							
Cotton Bloom Brand 43% Protein							
Peanut Meal	43.00	6.00	12.00	23.00			310G
Analysis	45.67	7.13	12.30	23.13	6.68	5.09	187S
Analysis	44.38	6.23	14.79	22.82	6.64	5.14	52T
Analysis <sup>a</sup>	41.61	8.02	11.02	25.24	7.26	6.85	I
Panther Brand Sweet Feed	9.00	1.80	24.00	43.00			310K
Analysis <sup>78</sup>	9.10	1.57	19.09	45.60	13.03	11.61	73S
Cotton Bloom Brand Laying Mash	21.00	4.00	7.00	44.00			310L
Analysis	23.11	3.65	7.00	49.14	9.47	7.63	485S
Cotton Bloom Brand 44% Protein							
Supplement for Hogs	44.00	6.50	10.00	16.50			310M
Analysis	40.76	10.27	10.90	18.89	6.11	13.07	258S
Analysis	44.50	5.48	11.84	18.47	7.31	12.40	429S
Cotton Bloom Brand Chick Starter	19.00	4.00	6.00	50.00			310S
Analysis	20.79	4.30	5.00	52.07	9.78	8.06	259S
Cotton Bloom Brand Starter and Broiler Mash	18.00	4.00	6.00	52.00			310T
Analysis	19.85	4.30	5.02	53.45	9.66	7.72	418S
Analysis	19.10	4.90	6.34	52.97	9.85	6.84	281T
Panther Brand Laying Mash	19.00	4.00	7.50	46.00			310U
Analysis	20.45	3.32	7.66	51.92	10.14	6.51	419S
Analysis <sup>7</sup>	20.00	4.46	7.53	49.26	10.28	8.47	117T
Panther Brand Laying Mash Pellets	19.00	4.00	7.50	46.00			310V
Analysis <sup>a</sup>	18.57	4.07	6.72	51.49	11.79	7.36	2S
Panther Brand Laying Mash Pellets	19.00	3.50	8.00	48.00			310W
Analysis	20.45	3.62	7.41	53.39	9.49	5.64	211W
Cotton Bloom Brand Growing Mash Pellets	18.00	4.00	6.50	52.00			310W
Analysis	20.77	4.12	5.25	51.77	10.76	7.33	372S
Cotton Bloom Brand 16% Protein							
Dairy Feed	16.00	3.50	12.00	46.50			310A7
Analysis <sup>78e</sup>	17.17	3.50	9.30	48.11	12.33	9.59	74S
Cotton Bloom Brand 16% Protein							
Dairy Feed	16.00	3.50	13.00	46.00			310A7
Analysis <sup>78</sup>	16.00	2.91	10.53	50.30	10.53	9.73	264W
Consumers Brand Laying Mash	20.00	3.50	7.50	49.00			310B5
Analysis <sup>79</sup>	21.37	4.03	7.41	52.33	9.07	5.79	317S
Consumers Brand Laying Mash Pellets	20.00	3.50	7.50	49.00			310B6
Analysis	21.47	3.52	6.50	53.64	9.86	5.01	213W
41% Protein Soybean Oil Meal	41.00	6.00	6.00	28.00			310B9
Analysis	46.87	5.33	5.91	26.76	9.03	6.10	182S
<b>Brownwood Feed Mill,</b> <b>Brownwood, Texas.</b>							
Farmers Friend Brand Egg Mash	18.50	3.50	7.50	50.00			1367E
Analysis <sup>80</sup>	18.85	4.19	6.32	55.01	9.44	6.19	491H
Analysis <sup>8</sup>	20.78	4.03	9.09	50.08	9.72	6.30	4M
Analysis	17.05	3.05	5.23	58.53	9.37	6.77	534S
Analysis <sup>81</sup>	19.18	3.99	8.39	52.53	9.68	6.23	50W
Analysis	19.10	3.89	6.85	52.98	9.04	8.14	158W
<b>Bryan Cotton Oil &amp; Fertilizer Company,</b> <b>Bryan, Texas.</b>							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			403D
Analysis	43.06	7.74	9.28	25.92	7.69	6.31	106M
Analysis <sup>7</sup>	42.02	7.42	9.52	27.79	7.31	5.94	57W
Star Brand 18.50% Protein Dairy Feed	18.50	3.00	10.20	49.30			403L
Analysis	22.03	3.96	10.67	45.93	11.22	6.19	207M
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00			403M
Analysis	42.56	7.56	10.21	27.88	6.07	5.72	3M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>78</sup>Deficient in oyster shell.<sup>79</sup>Soybean oil meal found, not claimed.<sup>80</sup>Ground peanut hay claimed, not found. Soybean oil meal and alfalfa leaf meal found, not claimed.<sup>81</sup>Deficient in oyster shell and salt.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Bryan Feed &amp; Seed Company, Inc.,</b> Bryan, Texas							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1673A
Analysis.....	7.76	3.22	8.61	66.23	12.36	1.82	2M
Milo Chop.....	10.00	2.50	3.00	70.00	.....	.....	1673B
Analysis.....	12.84	2.55	2.78	68.99	11.04	1.80	414M
Future Farmers' Brand Special Developing Mash.....	17.60	3.30	6.00	53.00	.....	.....	1673D
Analysis.....	18.68	4.37	4.59	54.11	11.02	7.23	108M
<b>Buckeye Cotton Oil Company, The,</b> Cincinnati, Ohio.							
Buckeye 41% Protein Soybean Oil Meal.....	41.00	3.50	7.00	29.00	.....	.....	1169A
Analysis <sup>b82</sup> .....	44.42	5.31	5.49	30.35	8.18	6.25	450K
<b>Buhler Mill &amp; Elevator Company, The,</b> Buhler, Kansas.							
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	166A
Analysis <sup>k</sup> .....	16.10	3.81	9.67	57.43	7.28	5.71	483K
<b>Burdett Feed Store,</b> El Paso, Texas.							
Rosedale Laying Mash.....	19.00	3.50	7.00	44.00	.....	.....	938A
Analysis <sup>83</sup> .....	20.95	4.48	6.82	46.48	9.39	11.88	33S
Rosedale Growing Mash.....	17.00	3.60	6.50	52.00	.....	.....	938D
Analysis.....	17.81	5.64	6.11	52.72	8.37	9.35	447S
Rosedale Chick Starter.....	17.00	3.80	6.50	51.00	.....	.....	938E
Analysis.....	18.30	5.89	4.87	54.39	8.52	8.03	396S
<b>Burleson Grain Company,</b> Tahoka, Texas.							
Double O. O. Brand Egg Mash.....	18.00	3.50	7.00	54.00	.....	.....	1814U
Analysis <sup>84</sup> .....	18.18	4.23	6.90	54.58	9.21	6.90	516K
<b>Burnett Machinery &amp; Feed Company,</b> Dumas, Texas.							
Burnett's Best Chick Starter Mash.....	17.00	3.50	6.50	52.00	.....	.....	1091G
Analysis.....	18.64	4.44	6.07	55.07	8.63	7.15	368K
Burnett's Best Egg Mash.....	18.00	3.50	6.50	49.50	.....	.....	1091I
Analysis.....	18.70	4.12	5.38	52.10	10.72	8.98	233K
Burnett's Best 18% Protein Dairy Feed.....	18.00	3.00	9.50	46.50	.....	.....	1091K
Analysis.....	18.45	3.41	8.67	50.59	9.77	9.11	10K
<b>Burrus Feed Mills,</b> Dallas, Texas, and Branches.							
Texo Growing Mash.....	17.50	4.00	6.00	48.00	.....	.....	2013S
Analysis.....	20.00	3.36	8.47	51.82	10.89	7.46	291M
Analysis <sup>a</sup> .....	16.88	2.67	6.35	58.40	10.83	4.87	108W
Burrus B-Line 24% Protein Dairy Feed.....	24.00	3.70	9.50	41.00	.....	.....	2013A1
Analysis <sup>85</sup> .....	23.80	2.51	8.89	43.90	11.22	9.68	108H
B-Line 18% Protein Dairy Feed.....	18.00	3.80	11.40	44.40	.....	.....	2013A5
Analysis <sup>186</sup> .....	18.09	3.94	9.69	47.74	11.57	8.97	93H
Analysis <sup>87</sup> .....	18.00	3.56	8.47	49.26	11.90	8.81	139J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>82</sup>Blank tags attached.<sup>83</sup>Deficient in oyster shell. Excess of salt found.<sup>84</sup>Pecnut meal found, not claimed.<sup>85</sup>Ground whole oats found, not claimed.<sup>86</sup>Corn gluten feed, alfalfa meal, and ground whole barley claimed, not found. Green oat plants found, not claimed. Deficient in ground limestone and salt.<sup>87</sup>Soybean oil meal found, not claimed. Deficient in ground limestone.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Burrus Feed Mills (Continued), Dallas, Texas, and Branches.</b>							
Texo 18% Protein Dairy Feed .....	18.00	3.20	10.50	45.40	.....	.....	2013A6
Analysis <sup>88</sup> .....	19.27	4.03	6.88	50.69	10.48	8.65	288H
Analysis .....	18.07	3.21	9.03	48.80	10.49	10.40	385H
Analysis .....	18.91	3.46	8.18	51.19	9.43	8.83	433H
Analysis <sup>89</sup> .....	13.76	2.56	9.29	55.37	10.39	8.63	378J
Analysis <sup>90</sup> .....	14.25	2.39	8.06	58.50	9.46	7.34	500M
Analysis <sup>a</sup> .....	16.26	2.51	5.51	60.91	11.09	3.72	324S
Analysis <sup>91</sup> .....	20.15	2.47	10.75	48.36	9.35	8.92	193T
Analysis <sup>92</sup> .....	15.75	1.72	6.36	60.52	9.29	6.36	358T
Analysis <sup>a 93</sup> .....	14.43	2.34	5.47	61.07	9.80	6.89	133W
Analysis .....	14.71	2.28	5.07	60.17	10.38	7.39	229W
Texo All-Mash Starter .....	19.00	4.00	7.00	51.00	.....	.....	2013B2
Analysis <sup>j</sup> .....	18.45	3.06	6.98	53.37	10.95	7.19	230H
Analysis .....	17.71	3.50	5.74	56.67	9.28	7.10	391S
Jumbo Brand Sweet Feed .....	9.00	2.00	34.50	35.50	.....	.....	2013C3
Analysis <sup>a 94</sup> .....	11.77	2.50	11.96	48.86	7.95	16.96	231T
Analysis <sup>a e 95</sup> .....	12.21	2.25	12.20	48.73	9.03	15.58	82T
Jumbo Brand Sweet Feed .....	9.00	2.50	20.00	42.00	.....	.....	2013C3
Analysis <sup>96</sup> .....	8.62	2.58	24.48	39.86	10.28	14.18	433H
5 Star Laying Mash .....	20.00	3.70	7.50	44.00	.....	.....	2013C4
Analysis <sup>j 97</sup> .....	19.33	3.02	6.44	50.44	10.53	10.24	94H
Analysis .....	20.40	3.41	7.72	50.54	10.24	7.69	229H
Analysis .....	22.65	4.30	5.37	50.07	9.98	7.63	298H
Analysis <sup>k 98</sup> .....	22.14	2.73	4.69	52.53	9.58	8.33	61J
Analysis <sup>99</sup> .....	20.80	3.14	7.09	54.25	7.50	7.22	467J
Analysis <sup>99</sup> .....	21.26	4.45	7.02	51.41	8.93	6.93	415M
Analysis .....	21.70	3.52	7.65	48.46	9.64	9.03	30W
Analysis .....	18.19	4.19	5.13	55.69	9.53	7.27	259W
Texo 42 % Protein Supplement for Swine .....	42.00	4.00	7.50	19.00	.....	.....	2013D1
Analysis <sup>99</sup> .....	39.78	4.48	5.66	23.74	8.22	18.12	217J
Texo Turkey Growing Mash .....	21.50	4.00	6.00	44.00	.....	.....	2013D2
Analysis .....	18.42	3.16	4.69	57.79	9.20	6.74	497M
Analysis <sup>100</sup> .....	18.05	3.29	5.41	55.95	9.85	7.45	212W
McCoy's Special Crimped Whole Oats, Alfalfa Meal, Ear Corn Crop with Husk, Molasses, Limestone, and Salt .....	8.30	2.00	14.00	52.00	.....	.....	2013D4
Analysis .....	8.48	2.14	18.62	52.97	10.31	7.48	252T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>88</sup>Alfalfa meal claimed, not found.<sup>89</sup>Cottonseed meal claimed, not found. Rice hulls found, not claimed.<sup>90</sup>Rice hulls found, not claimed.<sup>91</sup>Cottonseed meal claimed, not found.<sup>92</sup>Deficient in salt.<sup>93</sup>Deficient in cottonseed meal.<sup>94</sup>Peanut hulls claimed, not found.<sup>95</sup>Deficient in ground limestone. Excess of salt found.<sup>96</sup>Peanut hulls found, not claimed. Rice bran claimed, not found.<sup>97</sup>Ground whole oats and alfalfa leaf meal claimed, not found. Corn gluten feed, kafir meal, and green oat plant found, not claimed.<sup>98</sup>Corn gluten feed found, not claimed.<sup>99</sup>Deficient in ground limestone.<sup>100</sup>Deficient in ground limestone. Excess of salt found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Burrus Feed Mills (Continued), Dallas, Texas, and Branches.</b>							
Texo 16% Protein Range Feed Pellets.....	16.00	2.20	8.00	51.00	-----	-----	2013F3
Analysis <sup>101</sup> .....	14.41	2.95	7.73	55.00	10.31	9.60	322H
Analysis <sup>102</sup> .....	16.73	3.17	5.33	56.07	10.69	8.01	84J
Analysis <sup>103</sup> .....	16.78	3.30	5.14	54.44	11.88	8.46	99S
Analysis.....	16.82	2.54	6.92	52.89	12.40	8.43	102S
Analysis.....	16.53	2.92	5.33	56.46	11.98	6.78	151S
Analysis <sup>104</sup> .....	14.28	3.11	6.87	61.19	5.80	8.75	355S
Analysis.....	14.36	2.53	5.82	59.26	10.36	7.67	425S
Analysis <sup>105</sup> .....	14.24	2.43	5.96	58.73	10.44	8.20	470S
Analysis <sup>106</sup> .....	13.31	1.90	7.02	57.99	10.60	9.18	555S
Analysis.....	16.48	3.07	5.93	56.33	10.46	7.73	82T
Analysis.....	14.01	2.00	6.67	57.92	10.02	9.38	130W
Burrus Winter-Weight Laying Mash.....	18.00	3.50	7.50	48.00	-----	-----	2013F6
Analysis.....	21.24	2.56	5.61	52.70	10.86	7.03	112T
Charro 9% Protein Sweet Feed.....	9.00	1.80	13.00	55.00	-----	-----	2013G3
Analysis <sup>107</sup> .....	10.00	1.97	20.76	44.87	12.47	9.93	92H
Analysis <sup>107</sup> .....	9.20	2.15	18.57	47.06	12.47	10.55	95H
Texo 16% Protein Range Feed.....	16.00	2.20	8.00	51.00	-----	-----	2013G7
Analysis <sup>108</sup> .....	13.56	2.20	7.85	57.04	8.67	10.68	459S
Analysis <sup>109</sup> .....	12.90	1.63	8.01	56.62	10.92	9.92	554S
Analysis <sup>110</sup> .....	16.00	2.65	5.60	57.48	11.76	6.51	85T
Texo 20% Protein Range Feed Pellets.....	20.00	2.20	10.00	44.00	-----	-----	2013I1
Analysis <sup>j,b</sup> .....	23.37	2.90	8.18	46.15	9.75	9.65	54S
Analysis <sup>j</sup> .....	23.21	2.65	7.58	45.21	13.10	8.25	159S
Analysis <sup>111</sup> .....	14.25	3.15	6.97	54.27	12.25	9.11	365S
Analysis <sup>112</sup> .....	14.30	2.15	5.62	59.16	10.82	7.95	460S
Texo Calf Developer.....	16.50	3.20	13.50	47.50	-----	-----	2013I4
Analysis <sup>a,113</sup> .....	16.15	3.45	13.63	48.45	10.83	7.49	381J
Burrus Developing Mash.....	19.00	3.50	6.50	46.50	-----	-----	2013K2
Analysis <sup>114</sup> .....	19.30	3.85	5.80	53.01	10.18	7.86	277T
Analysis.....	17.68	3.02	4.86	58.06	10.04	6.34	182W
Burrus B-Line All-Mash.....	15.00	3.50	8.00	49.00	-----	-----	2013K3
Analysis.....	17.67	2.13	4.51	59.61	9.64	6.44	338H
Analysis.....	16.70	3.08	6.07	56.82	9.56	7.97	432J
Analysis.....	16.02	2.30	4.46	60.44	10.05	6.73	33W
Burrus B-Line 32% Protein Supplement for Pigs and Hogs.....	32.00	3.00	8.50	32.50	-----	-----	2013K6
Analysis.....	31.75	5.29	6.81	37.51	8.98	9.66	296H

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>100</sup>Rice bran found, not claimed. Deficient in salt.<sup>102</sup>Deficient in soybean oil meal, corn gluten feed, linseed meal and ground whole oats.<sup>103</sup>Deficient in soybean oil meal. Linseed meal and trace of brewer's type yeast claimed, not found.<sup>104</sup>Rice bran found, not claimed.<sup>105</sup>Cottonseed meal claimed, not found.<sup>106</sup>Rice hulls found, not claimed.<sup>107</sup>Rice hulls and peanut hulls found, not claimed.<sup>108</sup>Rice hulls found, not claimed. Cottonseed meal and linseed meal claimed, not found.<sup>109</sup>Peanut hulls found, not claimed.<sup>110</sup>Deficient in ground limestone and salt.<sup>111</sup>Rice bran found, not claimed.<sup>112</sup>Cottonseed meal and linseed meal claimed, not found.<sup>113</sup>Soybean oil meal found, not claimed.<sup>114</sup>Deficient in ground limestone.

**Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued**

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Burrus Feed Mills (Continued), Dallas, Texas, and Branches.</b>							
Burrus B-Line All-Mash Pellets	15.00	3.50	8.00	49.00	.....	.....	2013K9
Analysis	22.53	3.15	6.86	49.00	9.43	9.03	102J
Analysis <sup>a 115</sup>	22.73	3.35	7.47	46.91	9.82	9.72	109M
Burrus B-Line All-Mash Laying Ration Pellets	15.00	3.50	8.00	49.00	.....	.....	2013K9
Analysis	17.99	3.15	6.16	56.48	8.87	7.35	488J
Analysis	23.17	3.15	6.24	50.57	8.49	8.38	499M
Analysis	22.63	3.89	6.10	50.13	9.49	7.76	209W
Burrus B-Line Pig and Hog Feed	14.00	3.00	6.50	58.50	.....	.....	2013M3
Analysis <sup>110</sup>	16.27	2.90	5.14	59.06	10.47	6.16	51J
Analysis	14.63	2.70	5.23	60.17	11.37	5.90	208M
Analysis <sup>a</sup>	14.50	2.63	4.24	62.06	10.45	6.12	44W
Charro 20% Protein Dairy Feed	20.00	3.50	12.00	44.00	.....	.....	2013M5
Analysis <sup>117</sup>	21.75	2.05	11.72	44.08	9.57	10.83	339H
Texo 20% Protein Range Feed	20.00	2.20	10.00	44.00	.....	.....	2013N4
Analysis <sup>118</sup>	14.58	3.20	5.01	58.43	11.05	7.73	556S
Analysis <sup>119</sup>	20.12	2.81	6.89	51.49	10.40	8.29	158T
Texo 26% Protein Supplement for Pigs and Hogs	26.00	3.00	9.00	42.00	.....	.....	2013O1
Analysis	26.33	3.06	6.31	44.04	9.00	11.26	374J
Analysis	24.84	3.12	7.22	46.20	7.11	11.51	559K
Analysis <sup>120</sup>	24.63	2.85	5.88	45.75	9.74	11.15	191W
Burrus B-Line 16% Protein Dairy Feed	16.00	3.00	15.00	40.00	.....	.....	2013O2
Analysis <sup>121</sup>	13.60	2.73	9.92	54.02	10.94	8.79	522J
Analysis <sup>122</sup>	16.80	1.79	13.57	47.70	9.41	10.73	155W
Texo 16% Protein Dairy Feed	16.00	3.00	10.00	51.00	.....	.....	2013O4
Analysis <sup>a 123</sup>	13.05	1.88	9.95	58.29	8.87	7.96	254W
<b>Burrus Mill &amp; Elevator Company, Fort Worth, Texas.</b>							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	.....	.....	75A
Analysis	18.40	4.03	5.61	56.51	11.68	3.77	264H
Analysis <sup>124</sup>	17.50	3.95	6.43	57.78	9.68	4.66	553K
Analysis	17.50	3.71	5.10	58.29	11.33	4.07	184M
Analysis	17.00	3.41	5.43	59.89	10.50	3.77	288M
Analysis <sup>a 124</sup>	16.16	3.51	6.66	55.50	12.08	6.09	10S
Analysis	16.80	3.77	5.95	57.07	12.12	4.29	34T
Analysis	17.34	3.48	4.69	59.23	11.87	3.39	135T
Analysis	17.88	3.44	5.03	58.27	11.90	3.48	267T
Analysis	18.09	3.84	6.14	54.31	13.04	4.58	8W
Analysis	17.64	3.65	5.66	58.92	10.28	3.85	37W
Analysis	17.40	4.01	5.27	57.02	12.52	3.78	172W
Analysis	20.14	4.66	5.86	55.32	9.57	4.45	U
Corn Bran	8.00	5.00	12.00	60.00	.....	.....	75E
Analysis <sup>a</sup>	11.51	9.20	5.25	59.73	11.38	2.93	236H
Wheat Bran and Screenings	14.50	3.00	10.00	50.00	.....	.....	75F
Analysis	18.06	3.52	7.90	55.66	9.97	4.89	290T
Hominy Feed	10.00	6.00	7.00	60.00	.....	.....	75N
Analysis <sup>a</sup>	13.08	9.50	5.46	58.39	10.14	3.43	3T

*a, b, c, d, e, f, g, h, i, j, k*—See legend at the beginning of this table.

<sup>115</sup>Excess of ground limestone found.

<sup>116</sup>Excess of ground limestone and salt found.

<sup>117</sup>Soybean oil meal found, not claimed. Deficient in cottonseed meal.

<sup>118</sup>Deficient in salt.

<sup>119</sup>In pellet form. Rice hulls found, not claimed.

<sup>120</sup>Cottonseed meal claimed, not found. Deficient in ground limestone.

<sup>121</sup>Deficient in ground limestone and salt.

<sup>122</sup>Cottonseed meal claimed, not found.

<sup>123</sup>Rice hulls found, not claimed.

<sup>124</sup>Wheat brown shorts and screenings.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Caddo-DeSoto Cotton Oil Company, Inc., Shreveport, Louisiana.</b>							
Caddo 41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00	.....	.....	745J
Analysis <sup>a</sup>	45.52	5.04	5.72	29.73	8.05	5.94	283K
Analysis <sup>a</sup>	45.32	5.11	5.86	29.71	7.79	6.21	303K
Analysis <sup>a</sup>	46.43	4.94	5.85	27.58	8.59	6.61	229T
<b>Cain, A. M., Mercedes, Texas.</b>							
Wheat Brown Shorts	17.00	4.50	7.50	53.00	.....	.....	754C
Analysis	16.25	4.31	7.21	56.70	11.17	4.36	164H
Wheat Gray Shorts	15.50	4.00	6.00	55.00	.....	.....	754G
Analysis <sup>b 125</sup>	15.94	4.56	8.48	54.90	11.29	4.83	220H
<b>California Packing Corporation, San Francisco, California.</b>							
Calpak's Deep "C" Brand 65% Protein Sardine Meal	65.00	3.00	1.00	0.00	.....	.....	450C
Analysis	64.69	3.15	.26	6.35	7.62	17.93	510K
Analysis <sup>a</sup>	64.83	3.35	.11	4.53	8.95	18.23	94M
<b>Cameron Cotton Oil Company, Cameron, Texas.</b>							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	.....	.....	471G
Analysis	43.22	5.71	9.70	27.05	8.39	5.93	9W
Analysis	42.90	6.14	11.19	25.65	8.13	5.99	46W
Analysis	43.05	6.58	11.99	24.09	8.11	6.18	237W
<b>Canadian Mill &amp; Elevator Company, El Reno, Oklahoma.</b>							
Canadian's Sure-Profit Brand Laying Mash	20.00	4.00	7.50	46.00	.....	.....	244B
Analysis	19.92	4.04	7.52	51.55	9.43	7.54	29K
Wheat Gray Shorts and Screenings	16.00	4.00	6.00	55.00	.....	.....	244C
Analysis	17.77	4.18	5.04	57.31	12.05	3.65	154K
Analysis	17.50	3.90	4.62	58.26	12.43	3.29	43T
Canadian's Sure-Profit Brand Chick All-Mash	18.00	3.60	6.50	49.00	.....	.....	244A7
Analysis <sup>b</sup>	17.87	5.45	5.82	53.33	10.40	7.13	284K
Big "C" Ranger Mixed Feed	10.00	1.50	30.00	37.50	.....	.....	244A9
Analysis <sup>a</sup>	10.48	2.01	27.71	36.98	11.23	11.59	251K
Canadian's Big "C" All-Mash Chick Starter	17.50	3.60	7.00	51.00	.....	.....	244D8
Analysis	18.01	4.39	7.00	53.17	10.86	6.57	343K
<b>Caney Valley Cooperative Drying Association, Wharton, Texas.</b>							
Dehydrated Alfalfa Leaf Meal	20.00	2.50	18.00	40.00	.....	.....	1837A
Analysis	14.64	2.55	23.84	42.11	6.48	10.38	83M
Analysis	20.19	3.17	23.15	36.67	6.15	10.67	406M
Analysis <sup>a</sup>	20.90	2.84	23.10	35.21	6.62	11.33	433M
Analysis <sup>126</sup>	15.23	2.57	27.92	34.80	5.83	13.65	447M
Analysis	16.04	2.54	26.54	35.68	8.43	10.77	199W
<b>Carlton Feed Mill, Carlton, Texas.</b>							
Laying Mash	19.00	3.80	7.50	47.00	.....	.....	2160E
Analysis	20.93	4.78	7.42	48.07	9.73	9.07	62W

*a, b, c, d, e, f, g, h, i, j, k*—See legend at the beginning of this table.<sup>125</sup>Wheat mixed feed.<sup>126</sup>Alfalfa meal.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Carpenter, Clifford, Farmersville, Texas.</b>							
Clifford Carpenter's Farm-Tex Chick Growing Mash	17.00	3.50	6.80	52.50	.....	.....	1610A
Analysis	18.36	4.13	6.17	54.53	9.78	7.03	54T
Clifford Carpenter's Farm-Tex All-Mash Chick Starting Ration	16.50	3.50	5.80	52.50	.....	.....	1610B
Analysis	17.57	3.91	5.79	56.55	8.89	7.29	55T
<b>Carroll &amp; More, Quanah, Texas.</b>							
Acme Brand 18% Protein Laying Mash	18.00	3.50	7.50	50.00	.....	.....	1538B
Analysis	18.09	3.68	4.24	54.49	10.02	9.48	335K
Acme Brand 18% Protein Dairy Feed	18.00	3.00	10.00	49.50	.....	.....	1538D
Analysis	19.08	3.08	6.70	54.59	9.50	7.05	6TK
<b>Carrollton Feed Mills, Carrollton, Texas.</b>							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	.....	.....	2473A
Analysis	9.15	3.28	9.72	65.01	11.18	1.66	148T
Whole Oat Chop	11.00	4.00	12.00	58.00	.....	.....	2473B
Analysis <sup>127</sup>	10.90	3.22	14.39	53.93	11.85	5.71	78T
Analysis	13.30	4.41	8.66	60.43	9.31	3.89	152T
Corn Meal	9.00	3.50	3.00	70.00	.....	.....	2473C
Analysis <sup>128</sup>	9.89	2.86	2.97	65.78	14.82	3.68	150T
Alfalfa Meal	13.00	1.50	33.00	35.00	.....	.....	2473D
Analysis	21.15	1.65	21.53	34.53	11.02	10.12	153T
Analysis	16.63	1.66	26.01	37.46	8.50	9.74	260T
Milo Head Chop	8.50	2.50	8.00	65.00	.....	.....	2473H
Analysis <sup>a 128</sup>	10.61	2.50	6.11	65.50	12.04	3.24	79T
Alfalfa Meal and Molasses	9.80	1.00	23.00	44.00	.....	.....	2473J
Analysis	13.09	1.42	25.37	40.13	10.64	9.35	209T
Milo Meal	10.00	2.50	3.00	70.00	.....	.....	2473K
Analysis <sup>128</sup>	11.31	2.67	3.85	68.64	11.27	2.26	151T
Ground Whole Barley	11.00	1.50	6.00	65.00	.....	.....	2473M
Analysis <sup>129</sup>	13.30	1.99	8.71	60.43	11.38	4.19	149T
<b>Cash Feed and Seed House, Gladewater, Texas</b>							
Nat-Ur-Way Brand 20% Protein Laying Mash	20.00	3.50	7.50	47.50	.....	.....	48I
Analysis <sup>130</sup>	23.32	4.45	6.21	45.07	11.05	9.90	133J
<b>Cash Feed Store, Dallas, Texas.</b>							
Southland Mixed Chicken Feed	15.00	4.20	12.00	50.50	.....	.....	1888B
Analysis	15.87	4.21	8.55	54.87	10.55	5.95	80T
<b>Cassidy Feed Mill, Richardson, Texas.</b>							
Ground Whole Oats	11.00	4.00	12.00	58.00	.....	.....	1805B
Analysis <sup>131</sup>	12.00	3.39	8.19	60.59	11.94	3.89	166T
Analysis	12.33	3.62	9.24	60.86	9.36	4.59	355T
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	.....	.....	1805C
Analysis	8.10	2.98	9.23	65.29	12.48	1.92	74T
Cow Feed	16.00	3.60	11.00	52.00	.....	.....	1805D
Analysis	18.36	3.80	8.21	53.37	10.17	6.09	207T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>127</sup>Barley and rice hulls present.<sup>128</sup>Rice hulls present.<sup>129</sup>Milo meal, corn meal, and rice hulls present.<sup>130</sup>Cottonseed meal found, not claimed.<sup>131</sup>Milo meal and corn meal present.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Casso, Guerra &amp; Company,</b> Laredo, Texas.							
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....	696D
Analysis <sup>a 132</sup> .....	19.36	5.93	<b>6.39</b>	<b>53.06</b>	10.74	4.52	23H
Analysis <sup>b 133</sup> .....	20.75	5.96	<b>6.60</b>	<b>51.03</b>	10.70	4.96	43H
Wheat Brown Shorts.....	17.50	4.50	7.50	53.00	.....	.....	696E
Analysis <sup>134</sup> .....	<b>17.40</b>	4.88	<b>8.64</b>	53.19	10.99	4.90	696E
<b>Castleberry's Feed Store,</b> Eastland, Texas.							
Eastland Dairy Feed.....	21.50	4.60	12.00	43.50	.....	.....	788D
Analysis.....	22.44	5.86	11.77	44.39	8.72	6.82	32T
<b>Castro County Grain Company, Inc.,</b> Dimmitt, Texas.							
Texas Pride Brand Chick Starter Mash.....	17.00	3.50	6.80	52.50	.....	.....	2123L
Analysis.....	18.04	4.19	5.45	56.72	8.83	6.77	300K
Texas Pride Brand Growing Mash.....	16.60	3.50	6.80	52.00	.....	.....	2123M
Analysis.....	18.51	4.17	5.94	52.16	12.60	6.62	316K
Texas Pride Brand Egg Mash.....	18.00	3.50	6.50	48.50	.....	.....	2123O
Analysis.....	19.12	4.00	5.76	54.53	9.31	7.28	45K
Texas Pride Brand 18% Protein Dairy Feed.....	18.00	3.50	6.50	48.50	.....	.....	2123O
Analysis <sup>a</sup> .....	20.23	3.14	8.58	52.73	7.39	7.93	484K
Texas Pride Brand Complete Hog Feed.....	14.50	3.00	5.00	57.00	.....	.....	2123X
Analysis <sup>a</sup> .....	16.51	<b>2.85</b>	3.85	57.12	11.86	7.81	55K
Texas Pride Brand 40% Protein Supplement for Pigs-N-Hogs.....	40.00	4.50	7.50	17.00	.....	.....	2123Y
Analysis <sup>135</sup> .....	40.01	4.79	5.84	23.82	7.66	17.88	196K
<b>Central Feed &amp; Seed Company,</b> Austin, Texas.							
Royal Brand Growing Mash.....	16.50	3.50	6.30	52.50	.....	.....	861K
Analysis.....	<b>16.13</b>	<b>3.43</b>	6.03	56.05	11.10	7.26	204H
Analysis <sup>136</sup> .....	21.09	3.73	5.17	53.19	10.39	6.43	419H
Cenco Big 12 Brand Egg Mash.....	20.00	3.50	8.00	46.40	.....	.....	861M
Analysis <sup>137</sup> .....	<b>18.35</b>	3.82	7.12	53.83	10.88	6.00	203H
Analysis <sup>138</sup> .....	20.04	3.60	4.81	54.96	10.59	6.00	420H
<b>Central Seed &amp; Feed Store,</b> Wichita Falls, Texas.							
Central All-Mash Chick Starter.....	17.00	3.50	6.00	52.00	.....	.....	2673A
Analysis <sup>a 139</sup> .....	<b>16.81</b>	<b>2.92</b>	5.31	59.71	10.35	4.90	287T
Mix Special Egg Mash.....	18.00	3.50	6.70	52.00	.....	.....	2673D
Analysis <sup>140</sup> .....	<b>16.88</b>	<b>2.89</b>	4.17	53.88	11.05	11.13	37T
Central Growing Mash.....	16.00	3.50	6.50	53.00	.....	.....	2673M
Analysis <sup>141</sup> .....	<b>15.65</b>	3.62	<b>7.00</b>	57.35	9.87	6.51	9T
Central 19% Protein Cow Feed.....	19.00	3.30	12.50	41.00	.....	.....	2673R
Analysis.....	<b>17.80</b>	3.35	9.60	57.14	6.17	5.94	186T
Central 24% Protein Cow Feed.....	24.00	4.00	11.50	40.00	.....	.....	2673V
Analysis.....	<b>20.93</b>	4.22	7.97	49.07	10.28	7.53	92T
Central Egg Mash.....	20.00	3.80	7.00	49.00	.....	.....	2673A4
Analysis <sup>142</sup> .....	<b>17.72</b>	<b>3.00</b>	3.98	56.91	11.13	7.26	36T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>132</sup>Wheat brown shorts and screenings.<sup>133</sup>Wheat brown shorts and screenings. Sold by importer at reduced price.<sup>134</sup>Wheat mixed feed.<sup>135</sup>Deficient in ground limestone. Excess of salt found.<sup>136</sup>Fish meal and meat scraps claimed, not found.<sup>137</sup>Peanut meal claimed, not found. Cottonseed meal found, not claimed.<sup>138</sup>Deficient in soybean oil meal.<sup>139</sup>Meat scraps claimed, not found.<sup>140</sup>Meat and bone scraps claimed, not found. Deficient in cottonseed meal.<sup>141</sup>Excess of oyster shell and salt found.<sup>142</sup>Shrimp meal found, not claimed. Fish meal claimed, not found.<sup>143</sup>Excess of salt found.<sup>144</sup>Fish meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Cerophyl Laboratories, Inc.,</b> Kansas City, Missouri.							
Dried Greens-Buttermilk	20.00	4.00	19.00	35.00			2042B
Analysis <sup>a</sup>	22.78	4.97	14.27	34.16	8.24	15.58	87K
<b>Chavez Commission Company,</b> El Paso, Texas.							
Hi-Quality Brand Dairy Feed	19.00	3.80	10.00	48.00			1402B
Analysis	21.08	5.39	8.87	51.52	7.65	5.49	354S
<b>Checkerboard Feed Store,</b> Dallas, Texas.							
Chowmix 18% Protein Dairy Feed C	18.00	3.00	14.00	46.00			928B
Analysis	20.95	4.35	11.59	46.30	9.25	7.56	71T
Chowmix Broiler Growing Feed	18.00	3.50	7.00	46.00			928C
Analysis <sup>143</sup>	16.14	3.34	3.06	63.47	11.35	2.64	261T
Dallas Special Dairy Feed	18.00	3.00	14.00	45.00			928G
Analysis	18.60	3.47	7.30	54.15	9.36	7.12	213T
Chowmix Hog Feed B	14.00	3.00	6.00	56.00			928H
Analysis	17.81	3.50	3.62	61.56	10.35	3.16	69T
<b>Chickasha Cotton Oil Company,</b> Chickasha, Oklahoma.							
Chico Mixed Feed	11.80	1.70	38.00	36.00			1301B
Analysis <sup>a</sup>	10.07	1.90	35.81	41.00	7.69	3.53	39T
Chickasha Quality Brand 43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			1301E
Analysis <sup>b,c</sup>	41.23	6.56	10.60	28.80	7.17	5.64	158K
Analysis <sup>e</sup>	41.11	7.15	11.19	28.36	6.53	5.66	35T
Analysis <sup>e</sup>	42.44	6.66	11.30	26.68	7.22	5.70	91T
Chickasha Quality Brand 43% Protein Cottonseed Pellets	43.00	5.20	12.00	25.00			1301M
Analysis <sup>b,c</sup>	42.44	6.98	9.53	25.68	9.81	5.56	132K
Analysis <sup>e</sup>	41.89	6.29	11.00	27.15	7.99	5.68	238K
Analysis <sup>e</sup>	42.27	6.49	9.70	27.95	7.32	6.27	551K
Chickasha Quality Brand 43% Protein Coarse Cottonseed Meal	43.00	5.20	12.00	25.00			1301N
Analysis <sup>j</sup>	44.25	6.32	10.93	25.57	7.09	5.84	129K
Analysis <sup>j,e</sup>	41.16	6.21	10.72	27.84	8.08	5.99	19T
Analysis <sup>e</sup>	42.30	6.63	12.32	26.70	6.71	5.34	187T
41% Protein Soybean Oil Cake	41.00	5.00	6.00	28.00			1301U
Analysis <sup>a</sup>	45.38	5.85	5.38	30.79	6.08	6.52	461K
Analysis <sup>a</sup>	45.75	5.71	5.70	30.14	6.21	6.49	462K
41% Protein Soybean Oil Meal	41.00	5.00	6.00	28.00			1301V
Analysis <sup>a</sup>	46.33	5.70	5.92	29.94	5.96	6.15	440K
Analysis <sup>a,144</sup>	44.91	5.84	5.12	30.70	7.12	6.31	459K
Analysis	46.70	6.39	5.56	27.85	6.53	6.97	352T
<b>Chic-O-Line Feed Mills,</b> Hobart, Oklahoma.							
Chic-O-Line Turkey Starter	24.00	4.00	6.00	42.00			1878B
Analysis	23.76	5.32	6.71	44.96	9.24	10.01	347K
Jersey Delight Brand Dairy Feed	16.00	3.50	9.00	50.00			1878C
Analysis <sup>145</sup>	15.10	3.25	9.40	56.14	9.13	6.98	330K
Analysis <sup>a</sup>	15.12	3.54	7.42	56.18	11.80	5.94	491K
Hotshot Cow Feed	13.00	2.00	22.00	45.00			1878D
Analysis	13.50	3.17	16.44	46.42	10.73	9.74	423K
Chic-O-Line Baby Chick Starter	17.00	3.50	6.00	53.00			1878F
Analysis	17.64	4.35	5.89	54.05	11.09	6.98	170K

*a, b, c, d, e, f, g, h, i, j, k*—See legend at the beginning of this table.<sup>143</sup>Deficient in ground limestone.<sup>144</sup>Short in weight. Even-weighted to 100 pounds net.<sup>145</sup>Kafir meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Chic-O-Line Feed Mills (Continued), Hobart, Oklahoma.</b>							
Chic-O-Line Egg Mash.....	20.00	3.50	7.00	47.00	.....	.....	1878G
Analysis.....	19.60	4.52	5.33	54.02	8.77	7.76	57K
Analysis <sup>146</sup> .....	18.66	4.32	5.32	54.12	10.47	7.11	155K
Chic-O-Line Baby Chick Grains.....	10.50	3.00	3.50	70.00	.....	.....	1878L
Analysis <sup>147</sup> .....	11.80	2.36	2.64	72.33	9.56	1.31	472K
Chic-O-Line Growing Mash.....	17.00	3.50	7.00	50.00	.....	.....	1878S
Analysis.....	17.94	4.05	6.66	53.35	9.94	8.06	275K
Chic-O-Line Master Brand Broiler Mash.....	18.00	3.50	7.00	52.00	.....	.....	1878U
Analysis.....	18.11	4.57	6.17	54.85	9.86	6.44	420K
Chic-O-Line 41% Protein Supplement for Hogs.....	41.00	4.50	7.00	17.00	.....	.....	1878W
Analysis.....	40.19	6.48	8.16	19.76	7.06	18.35	253K
Chic-O-Line Egg Mash Pellets.....	20.00	3.50	7.00	47.00	.....	.....	1878Z
Analysis <sup>148</sup> .....	19.61	4.04	4.99	53.57	10.55	7.24	64K
Chic-O-Line Big 10 Pig Feed.....	18.50	3.80	7.00	50.00	.....	.....	1878B4
Analysis.....	20.61	4.80	6.15	51.42	9.55	7.47	36K
Chic-O-Line All-Mash Laying Ration.....	17.00	4.00	6.40	53.00	.....	.....	1878B7
Analysis.....	17.49	4.42	6.10	55.40	9.33	7.26	331K
<b>Childress Cotton Oil Mill, Inc., Childress, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	1122B
Analysis <sup>149</sup> .....	40.80	5.39	10.53	29.21	7.92	6.15	5K
Analysis.....	43.04	5.51	10.50	28.50	6.57	5.88	59K
Analysis <sup>150</sup> .....	42.36	5.78	9.89	28.09	8.05	5.83	113K
Analysis <sup>151</sup> .....	42.24	5.25	10.97	28.87	6.95	5.72	161K
Analysis.....	42.91	5.20	10.70	28.35	7.12	5.72	164K
Analysis.....	43.31	5.68	11.06	28.46	5.63	5.86	260K
43% Protein Cottonseed Cubes.....	43.00	5.20	12.00	25.00	.....	.....	1122F
Analysis.....	43.01	5.16	10.88	26.61	8.40	5.94	239K
43% Protein Coarse Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	1122H
Analysis.....	44.15	5.57	10.22	26.84	7.02	6.20	26K
Analysis <sup>152</sup> .....	40.63	5.53	13.43	29.41	5.33	5.67	235K
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....	1122L
Analysis.....	45.63	5.10	5.77	29.10	8.52	5.88	436K
Analysis.....	46.55	4.87	5.47	28.66	8.36	6.09	492K
Safflower Oil Meal and Soybean Oil Meal.....	28.00	9.50	5.50	28.00	.....	.....	1122M
Analysis.....	23.81	10.85	28.44	25.16	7.60	4.14	1122M
<b>Chillicothe Cotton Oil Company, Chillicothe, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	2396A
Analysis.....	43.20	6.53	10.05	27.41	7.00	5.81	149K
Analysis.....	43.24	5.93	9.62	29.17	6.57	5.47	230K
Analysis <sup>153</sup> .....	42.38	6.19	8.92	29.90	6.77	5.84	24T
43% Protein Pea-Size Cottonseed Cake.....	43.00	5.20	12.00	25.00	.....	.....	2396H
Analysis <sup>154</sup> .....	41.88	5.97	11.44	27.09	8.13	5.49	136K
43% Protein Coarse Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	2396K
Analysis.....	43.65	6.90	10.09	26.13	7.20	6.03	135K
<b>China Rice, Toll, Feed &amp; Grist Mill, China, Texas.</b>							
Rice Hulls, Rice Bran, Rice Polishings, and Broken Rice.....	6.20	3.40	24.80	39.20	.....	.....	2504A
Analysis.....	6.74	5.24	23.81	38.59	10.47	15.15	137M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>146</sup>In pellet form. Milo meal found, not claimed.<sup>147</sup>Millet seed claimed, not found.<sup>148</sup>Corn gluten feed, cottonseed meal, and kafir meal found, not claimed.<sup>149</sup>Excess cottonseed hulls present.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Choctaw Cotton Oil Company,</b> <b>Ada, Oklahoma.</b>							
Red Seal 41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00			1132D
Analysis <sup>a</sup>	44.71	5.41	5.61	30.11	7.25	6.91	464K
Analysis <sup>a130</sup>	45.70	5.65	6.26	28.74	7.24	6.41	470K
<b>City of Abilene, The,</b> <b>Abilene, Texas.</b>							
Clover Leaf Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			378A
Analysis	53.70	11.88	2.15	1.36	7.48	23.43	184S
Analysis	53.78	10.65	3.69	2.91	7.83	21.14	478S
<b>Clark Bros. Feed Store,</b> <b>Stamford, Texas.</b>							
Clark Bros. 6 Plus 6 Laying Mash	19.00	4.00	5.50	46.00			640D
Analysis <sup>151e</sup>	21.48	4.78	7.22	50.21	9.46	6.85	68S
<b>Clark Feed Store, W. W.,</b> <b>Stamford, Texas.</b>							
W. W. Clark 6 Plus 6 Cow Feed	19.00	4.00	12.00	49.00			640A
Analysis	18.52	3.85	8.06	52.35	9.55	7.67	381S
W. W. Clark 6 Plus 6 Growing Mash	17.50	3.60	6.50	51.00			640I
Analysis <sup>152</sup>	16.46	3.71	5.74	59.31	10.62	4.16	431S
W. W. Clark 6 Plus 6 Starter-Grower Mash	17.00	3.50	6.50	50.00			640K
Analysis	20.01	4.19	4.41	51.94	10.51	8.94	326S
<b>Clark's Feed Store, Henry,</b> <b>Stephenville, Texas.</b>							
Clark's Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1063H
Analysis <sup>153</sup>	7.06	3.01	13.20	61.49	9.76	5.48	42T
Henry Clark's Six-Plus-Six Cow Feed	18.70	4.00	12.00	51.00			1063M
Analysis	15.62	2.74	6.51	61.94	9.11	4.08	262W
Henry Clark's Laying Mash	19.50	3.70	5.50	45.00			1063U
Analysis <sup>154</sup>	21.70	6.19	6.13	47.67	9.90	8.41	40T
6 Plus 6 Laying Mash	20.00	4.00	8.00	49.00			1063X
Analysis	22.44	5.05	7.14	47.88	10.59	6.90	120T
Analysis	20.15	4.80	6.54	50.63	10.20	7.68	63W
<b>Clark Seed Company, Roy E.,</b> <b>Brownsville, Texas.</b>							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			1401F
Analysis	16.28	5.79	5.52	57.11	11.26	4.04	222H
Analysis <sup>155</sup>	15.50	5.25	7.27	57.32	10.61	4.05	440H
<b>Clarksville Cotton Oil Company,</b> <b>Clarksville, Texas.</b>							
Clarko 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			223G
Analysis	44.20	7.38	9.18	25.30	7.70	6.24	42J
Analysis	46.14	6.59	8.25	25.23	7.41	6.38	172J
Analysis <sup>c</sup>	41.85	6.15	10.85	27.34	7.78	6.03	354J
41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00			223K
Analysis <sup>b</sup>	45.35	6.20	5.04	29.10	8.36	5.95	408J
<b>Clarksville Milling Company,</b> <b>Clarksville, Texas.</b>							
Red Border Chick Starter	18.00	3.50	6.50	54.00			1806A
Analysis	18.16	3.65	5.60	55.31	9.98	7.30	407J
Red Border Growing Mash	16.00	3.50	6.50	53.00			1806B
Analysis	17.00	4.02	5.20	57.19	9.89	6.70	469J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>150</sup>Short in weight. Even-weighted to 100 pounds, net.<sup>151</sup>Alfalfa leaf meal found, not claimed. Deficient in ground limestone.<sup>152</sup>Soybean oil meal found, not claimed.<sup>153</sup>Milo and milo meal present.<sup>154</sup>Milo meal and kafir meal found, not claimed.<sup>155</sup>Wheat brown shorts and screenings.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Clement Grain Company,</b> Waco, Texas.							
Cen-Tex 18% Protein Dairy Cow Feed.....	18.00	3.40	12.00	49.00	.....	.....	1894N
Analysis <sup>156</sup> .....	20.37	4.62	7.90	49.21	11.14	6.76	76W
Cen-Tex 16% Protein Dairy Feed.....	16.00	3.50	14.00	49.00	.....	.....	1894P
Analysis.....	17.42	3.59	8.71	49.33	12.75	8.20	220J
Analysis <sup>157</sup> .....	18.90	4.59	6.08	51.37	11.62	7.44	97W
Border Brand Laying Mash.....	18.00	3.50	8.00	49.00	.....	.....	1894A1
Analysis.....	20.32	4.16	5.89	52.46	9.90	7.27	85J
Analysis <sup>158</sup> .....	17.60	3.10	4.20	58.76	10.17	6.17	467M
Analysis.....	19.75	4.22	6.68	51.14	10.43	7.78	28W
Cen-Tex Horse Feed.....	10.00	3.00	9.50	60.00	.....	.....	1894A2
Analysis <sup>159</sup> .....	12.13	3.41	7.51	61.01	11.31	4.63	466M
Analysis.....	11.60	4.05	8.88	60.06	10.80	4.61	504M
Analysis <sup>160</sup> .....	11.28	3.12	6.76	60.84	12.86	5.14	184W
Cen-Tex ZZZ Brand Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	1894A3
Analysis <sup>161</sup> .....	16.70	1.67	26.36	35.58	9.71	9.98	118W
Cen-Tex 32% Protein Supplement for Swine.....	32.00	4.50	6.00	32.00	.....	.....	1894A5
Analysis.....	28.30	4.89	5.68	35.71	10.04	15.38	44W
Cen-Tex Cattle Feed Cubes.....	15.00	3.00	9.50	53.00	.....	.....	1894C9
Analysis.....	15.70	3.35	10.17	54.86	9.87	6.05	109W
Cen-Tex Hog Ration.....	14.20	3.00	6.00	58.50	.....	.....	1894E7
Analysis.....	15.91	3.22	3.68	61.87	9.81	5.51	141W
Cen-Tex 40% Protein Supplement for Swine.....	40.00	3.50	10.00	18.60	.....	.....	1894E9
Analysis.....	40.86	5.91	7.63	23.15	6.94	15.51	291J
<b>Cocanougher's Feed Store, C.,</b> Decatur, Texas.							
The Big 9 Laying Mash.....	18.00	3.70	7.50	45.00	.....	.....	992A
Analysis.....	19.06	4.65	6.23	51.14	10.87	8.05	26T
<b>Cole Feed Company,</b> Dallas, Texas.							
Diamond Brand Egg Mash.....	18.00	3.50	7.00	49.00	.....	.....	1424B
Analysis <sup>161</sup> .....	18.40	3.91	6.03	54.45	9.35	7.86	65T
Cole's Dairy Feed.....	16.00	3.30	16.00	44.00	.....	.....	1424C
Analysis <sup>162</sup> .....	19.31	3.30	11.66	48.54	9.60	7.59	64T
Diamond Brand Starter and Growing Mash.....	17.00	3.50	6.00	51.00	.....	.....	1424D
Analysis <sup>163</sup> .....	16.87	3.96	4.07	57.67	10.84	6.59	210T
<b>Coleman Cotton Oil Mill,</b> Coleman, Texas.							
Cotton Bloom Brand 43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	.....	.....	2051B
Analysis.....	44.84	7.21	12.84	23.67	6.66	4.78	318S
Analysis <sup>164</sup> .....	40.30	7.52	13.40	25.35	7.20	6.23	362S
Analysis.....	44.04	6.64	11.13	25.78	6.80	5.61	374S
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	2051C
Analysis.....	43.08	6.98	11.70	26.19	6.70	5.35	118S
Analysis.....	43.04	5.82	11.83	26.20	7.83	5.28	121S
Analysis.....	43.09	5.96	10.79	27.13	7.70	5.33	122S
Analysis.....	43.03	5.90	10.47	28.04	7.47	5.09	172S
Analysis.....	42.71	6.66	11.34	27.41	6.79	5.09	194S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>156</sup>Peanut meal found, not claimed.<sup>157</sup>Soybean oil meal found, not claimed. Deficient in cottonseed meal.<sup>158</sup>Soybean oil meal found, not claimed.<sup>159</sup>Linseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>160</sup>Soybean oil meal found, not claimed.<sup>161</sup>Soybean oil meal, milo meal, and kafir meal found, not claimed.<sup>162</sup>Ground peanut hay, alfalfa leaf meal, milo heads, stalks, and stems, and ground whole barley found, not claimed. Excess of oyster shell found. Deficient in salt.<sup>163</sup>Soybean oil meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Coleman and Cotton Oil Mills (Continued), Coleman, Texas.</b>							
Panther Brand Laying Mash	19.00	4.00	7.50	46.00			2051G
Analysis <sup>a164</sup>	20.40	4.71	6.94	49.97	8.99	8.99	312S
Analysis	19.48	3.96	7.56	50.87	8.86	9.27	482S
Cotton Bloom Brand 18% Protein Dairy Feed	18.00	3.50	10.00	46.50			2051O
Analysis	20.70	4.40	10.23	46.83	10.05	7.79	356S
Analysis	22.28	4.53	8.75	47.14	9.21	8.09	531S
Cotton Bloom Brand 32% Protein Concentrate for Laying Hens	32.00	5.00	7.00	27.00			2051S
Analysis	29.48	5.41	4.73	38.88	6.52	14.98	530S
Cotton Bloom Brand 44% Protein Supplement for Hogs	44.00	6.50	10.00	16.50			2051T
Analysis <sup>ae</sup>	43.85	6.54	12.29	15.77	6.59	14.96	308S
Cotton Bloom Brand 41% Protein Supplement for Hogs	41.00	4.00	14.00	20.00			2051T
Analysis <sup>105</sup>	43.80	4.44	10.57	24.00	6.15	11.04	558S
Cotton Bloom Brand Starter and Broiler Mash	18.50	4.00	5.50	53.00			2051X
Analysis	19.96	4.43	5.83	52.86	9.00	7.82	320S
Cotton Bloom Brand Chick Starter	19.00	4.00	5.50	52.00			2051Y
Analysis	19.11	4.83	5.11	52.51	10.75	7.69	358S
Cotton Bloom Brand Growing Mash	18.50	4.00	5.50	53.00			2051Z
Analysis	19.81	4.66	5.84	52.99	9.50	7.20	423S
<b>Collin County Cotton Oil Company, McKinney, Texas.</b>							
Colco Brand Dairy Feed	18.00	3.00	13.50	37.50			809D
Analysis	16.30	3.51	9.14	49.70	12.39	8.96	206T
<b>Colorado Milling Company, Colorado City, Texas.</b>							
Red Ball Egg Mash	18.00	3.50	7.50	49.00			1325L
Analysis	17.43	3.98	7.11	56.23	9.64	5.61	334S
<b>Comet Rice Mills, Beaumont, Texas.</b>							
Rice Bran containing Limestone	13.00	13.00	15.00	38.00			1572B
Analysis	12.09	13.64	15.95	35.64	8.15	14.53	136T
<b>Commerce Oil Mill Company, Commerce, Texas.</b>							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			150G
Analysis <sup>c</sup>	41.99	6.00	10.16	27.95	8.15	5.75	69J
Analysis <sup>c</sup>	42.16	5.75	9.65	27.80	8.55	6.09	113J
Analysis <sup>c</sup>	42.12	6.15	10.91	25.95	8.85	6.02	238J
Analysis <sup>c</sup>	42.19	6.55	10.73	26.98	7.60	5.95	276J
Analysis	42.82	6.25	9.79	26.35	8.77	6.02	333J
Analysis	43.73	6.40	9.72	26.51	7.12	6.52	498J
Analysis	43.35	6.32	9.92	27.11	6.84	6.46	523J
43% Protein Peanut Meal	43.00	6.00	12.00	23.00			150P
Analysis <sup>ke</sup>	40.39	7.86	15.16	21.51	8.33	6.75	457J
41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00			150R
Analysis <sup>k</sup>	44.79	4.56	5.64	29.46	8.91	6.64	458J
<b>Community Milling Company, El Paso, Texas.</b>							
Victory Chick Starter	17.00	4.50	5.60	52.80			2341F
Analysis <sup>j</sup>	15.50	6.32	6.38	56.87	9.40	5.53	345S
Victory Laying Mash	18.00	4.00	7.00	51.00			2341K
Analysis	19.10	5.17	6.15	52.96	8.81	7.81	42S
Analysis	17.41	4.43	7.46	54.69	7.76	8.25	451S
Analysis	18.10	4.57	6.18	57.17	7.66	6.32	546S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>164</sup>Soybean oil meal found, not claimed.<sup>105</sup>Excess of salt found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Community Milling Co. (Continued), El Paso, Texas.</b>							
Community Dairy Feed .....	15.00	3.80	8.20	55.00			2341L
Analysis <sup>106</sup> .....	15.37	4.04	7.26	58.42	10.57	4.34	89S
Victory Growing Mash .....	15.70	3.50	8.00	53.00			2341U
Analysis <sup>1</sup> .....	14.89	6.88	5.82	60.36	7.53	4.52	398S
Wheat Gray Shorts .....	16.00	3.50	6.00	55.00			2341A4
Analysis .....	14.38	3.07	4.32	64.27	11.05	2.91	220S
<b>Consolidated Flour Mills Company, The, Wichita, Kansas.</b>							
Wheat Bran and Screenings .....	14.50	3.00	10.00	50.00			2506B
Analysis .....	17.73	3.83	9.45	54.00	8.38	6.61	430M
Wheat Gray Shorts and Screenings .....	17.00	3.50	6.00	55.00			2506F
Analysis .....	16.85	4.09	5.74	56.80	12.20	4.32	335J
Analysis .....	18.78	4.50	5.78	54.98	11.89	4.07	264K
<b>Consolidated Products Company, Danville, Illinois.</b>							
Dried Buttermilk (Feeding) .....	30.00	5.50	0.00	40.00			835B
Analysis .....	31.41	8.61	.22	36.13	9.82	13.81	25M
<b>Consumers' Cooperatives Associated, Amarillo, Texas, and Branches.</b>							
Red Label Laying Mash .....	20.00	3.50	8.00	45.00			1802A
Analysis <sup>1</sup> .....	22.53	3.92	7.23	51.84	8.03	6.45	523K
Red Label Economy Brand Laying Mash .....	18.00	3.50	8.00	37.00			1802B
Analysis <sup>107</sup> .....	22.04	3.19	7.35	51.61	8.46	7.35	448K
Red Label 30% Protein Dairy Supplement .....	30.00	4.30	10.00	30.00			1802E
Analysis .....	32.14	3.56	12.28	35.27	8.56	8.19	439K
Red Label Starting and Growing Mash .....	19.00	3.50	7.00	50.00			1802F
Analysis .....	21.40	3.17	6.27	53.14	9.20	6.82	399K
<b>Continental Oil-Cotton Company, Colorado City, Texas.</b>							
43% Protein Cottonseed Pellets .....	43.00	6.00	12.00	23.00			800F
Analysis .....	44.09	6.12	10.99	26.89	6.52	5.39	55S
Analysis .....	43.86	6.09	9.75	27.19	7.71	5.40	116S
Analysis <sup>9</sup> .....	42.03	5.94	10.84	27.94	7.93	5.32	174S
<b>Cooper Cotton Oil Company, Cooper, Texas.</b>							
43% Protein Cottonseed Meal .....	43.00	6.00	12.00	23.00			149C
Analysis .....	42.71	5.73	9.85	27.87	7.47	6.37	65J
Analysis .....	43.23	5.75	9.23	27.47	8.00	6.32	115J
Analysis .....	43.69	5.55	8.52	27.27	8.34	6.63	224J
Cow Pie .....	13.00	2.00	36.00	36.00			149G
Analysis <sup>108</sup> .....	15.00	2.04	29.51	42.52	7.02	3.91	232J
Delta Brand Dairy Feed .....	23.00	4.00	12.50	40.30			149Z
Analysis .....	24.58	3.48	7.23	49.16	8.32	7.23	493J
<b>Cooper Feed &amp; Seed Company, Hillsboro, Texas.</b>							
Cooper's Laying Mash .....	18.50	3.80	6.50	51.00			1785E
Analysis <sup>109</sup> .....	13.76	2.20	2.67	66.21	11.53	3.63	174W
<b>Cordell Milling Company, Cordell, Oklahoma.</b>							
Wheat Gray Shorts and Screenings .....	17.00	3.50	6.00	55.00			359A
Analysis .....	17.00	4.42	5.33	60.45	8.77	4.03	31K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>106</sup>Bone meal, rolled whole barley, and rolled whole oats found, not claimed.<sup>107</sup>Short in weight. Even-weighted to 100 pounds net.<sup>108</sup>Deficient in oyster shell and salt.<sup>109</sup>Milo meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Corn Products Refining Company,</b> New York, New York.							
Buffalo Corn Gluten Feed.....	23.00	2.00	8.50	46.00			2309A
Analysis.....	23.08	4.20	8.04	47.55	11.08	6.05	240H
Analysis.....	25.10	2.19	7.72	48.51	10.18	6.30	30J
Analysis.....	24.26	2.55	8.43	48.86	10.03	5.87	432M
Analysis.....	23.92	2.20	8.33	50.44	9.93	5.18	2T
Analysis.....	24.17	2.83	7.54	50.71	9.17	5.58	85T
Argo Corn Oil Meal.....	20.00	6.00	12.00	43.00			2309C
Analysis.....	28.84	8.52	9.90	41.25	8.25	3.24	431M
<b>Corpus Christi Cotton Oil Mill,</b> Corpus Christi, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00			1845F
Analysis <sup>a</sup> .....	42.09	5.91	10.28	27.75	8.04	5.93	87H
Analysis.....	42.53	6.25	9.72	27.47	8.21	5.82	153M
34% Protein Linseed Cake.....	34.00	6.00	9.00	35.00			1845L
Analysis <sup>b170</sup> .....	36.02	6.85	8.42	34.99	8.44	5.28	430H
34% Protein Linseed Meal.....	34.00	6.00	9.00	35.00			1845M
Analysis.....	36.29	7.60	9.68	32.13	9.36	4.94	136H
Analysis.....	36.11	6.87	9.05	33.43	9.75	4.79	214H
Analysis.....	34.19	5.66	9.32	35.39	10.40	5.04	371H
<b>Coryell County Cotton Oil Company,</b> Gatesville, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			490G
Analysis <sup>c171</sup> .....	39.38	6.99	13.36	28.72	6.43	5.12	38W
Analysis.....	42.61	7.20	10.44	27.65	6.88	5.22	67W
Golden Gate 20% Protein Dairy Feed.....	20.00	4.50	12.50	42.70			490M
Analysis <sup>d</sup> .....	19.68	4.25	12.09	47.28	9.05	7.65	139W
Golden Gate Hog Feed.....	14.00	3.00	5.00	59.50			490Y
Analysis.....	14.49	2.88	3.39	62.64	10.20	6.40	226W
Gaco Laying Mash.....	18.50	3.50	8.00	51.00			490A4
Analysis.....	19.23	4.03	6.95	51.83	9.65	8.31	39W
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00			490A7
Analysis.....	44.08	5.73	5.79	28.26	9.71	6.43	165W
Golden Gate Turkey Starter.....	23.00	4.00	7.50	42.00			490A8
Analysis.....	22.75	4.61	5.53	47.48	9.80	9.83	204W
<b>Cotterly Hatchery &amp; Feed Store,</b> Wichita Falls, Texas.							
Cotterly's Big C Brand Chick Starter Mash.....	17.00	3.50	6.00	52.00			2533A
Analysis.....	17.97	3.96	6.05	55.27	9.65	7.10	116T
Cotterly's Sure-Lay Brand Egg Laying Mash.....	20.50	3.50	7.40	44.60			2533C
Analysis <sup>e172</sup> .....	20.16	5.24	6.64	47.34	10.32	10.30	13T
Cotterly's Big C Brand Super-Egg Mash.....	20.30	3.50	6.50	47.50			2533J
Analysis <sup>f173</sup> .....	20.82	4.95	6.37	48.46	10.87	8.53	95T
Cotterly's Big C Brand 20% Protein Dairy Feed.....	20.00	3.20	11.00	43.50			2533L
Analysis <sup>g174</sup> .....	20.08	3.61	10.12	46.28	10.80	9.11	14T
<b>Crawford Grain Company,</b> Houston, Texas.							
Blue Bird Horse and Mule Feed.....	11.50	2.70	13.00	56.50			870B
Analysis <sup>h175</sup> .....	11.91	3.25	12.54	54.29	11.31	6.70	421M
Money-Maker Brand Egg Mash.....	20.00	3.70	6.50	47.00			870J
Analysis.....	22.35	5.27	5.32	49.16	9.10	8.80	390M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>170</sup>Linseed meal.<sup>171</sup>Excess of cottonseed hulls found.<sup>172</sup>Soybean oil meal, milo meal, and hegari meal found, not claimed.<sup>173</sup>Fish meal claimed, not found.<sup>174</sup>Deficient in ground limestone. Excess of salt found.<sup>175</sup>Cottonseed meal found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Crawford Grain Company (Continued),</b> Houston, Texas.							
Sheldon's Start-to-Finish Mash	19.00	4.00	5.50	47.00			870L
Analysis	20.82	4.67	5.41	47.18	10.98	10.94	238M
Money-Maker Brand Mixed Cow Feed	21.00	3.50	14.00	40.00			870M
Analysis	23.08	3.91	10.10	41.34	13.30	8.27	30M
Analysis <sup>176</sup>	21.70	3.75	13.78	41.34	11.73	7.70	217M
Analysis	22.65	4.21	13.63	39.68	10.86	8.97	420M
Money-Maker Brand Starter Mash	18.00	3.70	5.00	51.00			870S
Analysis	18.40	5.07	5.73	53.18	9.91	7.71	389M
Big Six Brand Stock Feed	9.00	2.00	17.00	53.00			870V
Analysis	9.20	1.71	18.06	50.58	14.04	6.41	237M
Alfalfa Stem Meal and Molasses	7.50	0.60	30.00	38.50			870A5
Analysis	10.46	.80	26.34	39.57	15.53	7.30	93M
Crawford's Special Dairy Feed	18.00	3.50	13.00	46.00			870B8
Analysis <sup>176</sup>	19.58	4.84	12.99	44.54	11.06	6.99	236M
<b>Creech, W. M.,</b> Olney, Texas.							
Olney Maid Dairy Feed	24.00	4.00	12.00	40.00			909E
Analysis	23.79	4.34	9.26	46.98	9.55	6.08	46T
Olney Maid Laying Mash	18.20	3.50	7.20	49.50			909F
Analysis <sup>e</sup>	18.30	4.29	6.91	50.56	8.94	11.00	7T
Olney Maid Laying Mash	19.50	4.00	7.00	46.00			909F
Analysis	20.68	4.85	5.16	48.77	10.08	10.46	47T
Olney Maid Chick Starter	18.00	3.60	5.50	53.50			909K
Analysis	17.73	4.45	4.59	55.72	10.25	7.26	48T
Analysis	19.25	3.85	5.98	53.80	8.79	8.33	126T
Olney Maid Growing Mash	16.00	3.50	6.00	51.00			909L
Analysis	18.22	3.96	5.74	53.52	10.72	7.84	88T
<b>Crete Mills, The,</b> Crete, Nebraska.							
Victor Brand Hog Builder	24.00	4.50	7.80	41.00			898W
Analysis <sup>d177</sup>	23.88	5.31	6.49	44.87	9.69	9.76	221W
<b>Crockett Cotton Oil Company,</b> Crockett, Texas.							
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00			573D
Analysis	41.55	6.58	10.88	25.94	8.57	6.48	1J
43% Protein Peanut Meal	43.00	6.00	12.00	23.00			573G
Analysis <sup>c</sup>	42.19	8.00	16.55	22.07	6.78	4.41	307J
Analysis	44.19	7.15	15.90	21.09	7.24	4.43	369J
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			573K
Analysis	43.65	6.53	9.17	27.62	6.87	6.16	97J
Analysis <sup>c</sup>	41.21	6.15	10.17	27.65	8.00	6.82	23W
43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00			573L
Analysis	44.04	6.69	9.38	26.41	7.09	6.39	204J
<b>Crofts, Geo.,</b> Johnson City, Texas.							
J. C. Laying Mash	20.00	3.70	6.50	44.50			1176E
Analysis	21.60	4.55	6.06	47.00	10.46	10.33	176H
<b>Crosbyton Elevator Company,</b> Crosbyton, Texas.							
Red Barn 18% Protein Egg Mash	18.00	3.60	7.00	47.00			1511I
Analysis	20.35	4.61	6.34	49.04	10.75	8.91	178K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>176</sup>Peanut meal found, not claimed.<sup>177</sup>Excess of salt found.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Crowley Feed Company, Inc., San Antonio, Texas.</b>							
Crowley's 20% Protein Laying Mash	20.00	3.60	6.80	46.00			827K
Analysis	21.35	3.77	6.28	51.79	10.23	6.58	42H
Analysis	16.32	2.93	5.86	59.69	9.97	5.23	307H
Crowley's 18% Protein Dairy Feed	18.00	3.00	11.20	46.50			827N
Analysis	18.26	4.41	10.80	46.67	11.56	8.30	41H
Analysis <sup>178</sup>	11.88	3.08	9.41	58.13	10.61	6.89	375H
Analysis <sup>179</sup>	16.81	2.98	7.38	57.32	11.07	4.44	465H
Crowley's 36% Protein Supplement for Pigs and Hogs	36.00	4.00	9.00	25.00			827Q
Analysis	29.50	4.02	8.56	41.23	9.43	7.26	244H
Analysis <sup>180</sup>	23.15	4.49	7.21	48.91	10.22	6.02	326H
Analysis <sup>181</sup>	15.10	3.31	5.80	57.86	12.51	5.42	341H
Crowley's 17.50% Protein All-Mash Starter	17.50	3.50	5.60	49.00			827R
Analysis	19.96	3.19	6.44	56.14	8.83	5.44	308H
Crowley's 16% Protein All-Mash Growing Ration	16.00	3.50	6.30	51.00			827S
Analysis <sup>182</sup>	15.38	3.10	5.60	58.54	10.87	6.51	354H
Crowley's 37% Protein Supplement for Poultry	37.00	5.00	6.00	21.00			827T
Analysis <sup>183</sup>	21.64	3.47	6.93	52.74	8.85	6.37	284H
Analysis <sup>184</sup>	21.97	3.27	6.61	51.39	10.06	6.70	327H
Analysis	16.10	2.96	4.35	60.66	10.76	5.17	429H
Crowley's 24% Protein Dairy Feed	24.00	3.80	10.40	40.00			827A6
Analysis	26.24	4.00	8.14	42.30	11.18	8.14	254H
Analysis <sup>185</sup>	11.95	2.74	9.44	56.59	11.26	8.02	379H
Analysis <sup>186</sup>	17.63	2.59	6.95	56.77	11.24	4.82	461H
Analysis <sup>187</sup>	24.20	3.02	8.39	49.25	9.76	5.38	503H
3 Star Brand 18% Protein Laying Mash	18.00	3.50	6.00	53.50			827A8
Analysis	13.18	2.72	5.44	62.67	10.75	5.24	355H
Analysis	18.39	2.85	4.21	58.44	9.38	6.73	479H
Analysis <sup>188</sup>	21.13	2.97	5.27	54.27	9.21	7.15	504H
Crowley's Broiler Mash	19.00	3.70	6.00	47.50			827B1
Analysis	14.90	3.58	5.19	60.83	9.71	5.79	376H
Borden's Mixed Feed	15.00	3.00	12.00	51.50			827B6
Analysis <sup>189</sup>	13.39	3.95	10.87	52.90	11.71	7.18	117H
Analysis <sup>190</sup>	15.49	2.98	11.56	54.52	9.74	5.71	505H
41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00			827B7
Analysis <sup>da</sup>	45.79	4.72	5.97	27.17	10.70	5.65	238H
<b>Cuero Cotton Oil &amp; Manufacturing Company, Cuero, Texas.</b>							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			402K
Analysis	42.97	6.77	9.34	26.90	8.07	5.95	60H
Analysis <sup>c</sup>	42.35	6.89	10.10	25.85	8.99	5.82	130H
43% Protein Cracked Cottonseed Cake	43.00	5.20	12.00	25.00			402L
Analysis <sup>be</sup>	41.75	6.27	10.93	29.28	6.37	5.40	59H

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>178</sup>Cottonseed meal claimed, not found.<sup>179</sup>Deficient in oyster shell and salt.<sup>180</sup>Rice bran found, not claimed. Digester tankage claimed, not found. Deficient in cottonseed meal.<sup>181</sup>Cottonseed meal claimed, not found. Deficient in digester tankage. Milo meal and kafir meal found, not claimed.<sup>182</sup>Fish meal claimed, not found.<sup>183</sup>Linseed meal, alfalfa leaf meal, and meat and bone scraps claimed, not found. Deficient in soybean oil meal.<sup>184</sup>Ground limestone found, not claimed.<sup>185</sup>Cottonseed meal claimed, not found. Milo meal and kafir meal found, not claimed.<sup>186</sup>Cottonseed meal claimed, not found.<sup>187</sup>Deficient in oyster shell and salt.<sup>188</sup>Excess of ground limestone found.<sup>189</sup>Peanut meal, ground whole barley, and rice hulls found, not claimed.<sup>190</sup>Rice hulls found, not claimed. Deficient in salt. Excess of oyster shell found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Cuero Gin,</b> Cuero, Texas. Cuero Gin Laying Mash .....	18.00	3.50	6.50	50.00			
Analysis <sup>101</sup> .....	19.01	3.46	4.46	55.33	11.09	6.65	914J 67H
<b>Curl, Blake,</b> Tolar, Texas. Blake Curl's Laying Mash .....	19.50	4.00	6.80	47.00			
Analysis .....	20.13	4.54	6.66	48.66	10.27	9.74	1692A 123T
<b>Dallas Animal By-Products Company,</b> Dallas, Texas, and Branches. Golden Brand Special 50% Protein Meat and Bone Scraps .....	50.00	3.00	3.00	0.00			
Analysis .....	52.97	3.37	2.16	3.27	4.43	33.80	1534B 499J
Analysis <sup>102</sup> .....	53.56	4.00	1.67	2.48	4.30	33.99	69K
Analysis <sup>a</sup> .....	49.39	5.13	3.77	4.95	5.80	30.96	207S
Analysis .....	49.75	5.22	1.84	3.77	5.92	33.50	10T
Analysis .....	50.12	4.17	2.80	4.15	6.19	32.57	90T
Analysis .....	50.00	4.64	1.80	6.98	5.76	30.82	113T
Analysis .....	56.08	2.99	2.25	3.83	5.56	29.29	257T
Analysis .....	56.02	2.81	1.92	2.95	5.43	30.87	258T
Analysis .....	53.02	4.21	1.92	2.64	4.99	33.22	40W
Analysis .....	51.81	3.88	3.87	5.03	6.37	29.04	114W
<b>Davis Feed Company,</b> San Antonio, Texas. A. C. Special Laying Mash .....	18.00	3.50	7.80	50.00			
Analysis .....	20.72	4.85	7.55	47.04	9.96	9.88	1023A 4H
<b>Davis Poultry Farm,</b> Rule, Texas. Davis Egg-Maker Laying Mash .....	19.00	3.60	6.00	50.00			
Analysis <sup>103</sup> .....	20.56	4.33	6.84	49.35	9.97	8.95	848A 14S
Analysis <sup>104</sup> .....	17.03	3.63	5.88	58.21	9.27	5.98	430S
H & S Egg Laying Mash .....	18.00	3.50	6.50	51.00			
Analysis <sup>105</sup> .....	17.07	3.83	7.26	53.67	9.88	8.29	848C 188S
<b>Davis Sanitary Hatchery,</b> Lamesa, Texas. Dividend Brand Laying Mash .....	19.00	3.50	7.00	44.00			
Analysis .....	18.44	4.51	5.40	52.29	9.26	10.10	1472A 517K
Dividend Best Brand Starting Mash .....	17.50	3.50	7.00	50.00			
Analysis .....	19.54	4.33	6.59	51.71	9.54	8.29	1472I 393K
<b>Dawe &amp; Son, Thos.,</b> Gonzales, Texas. Laying Mash .....	18.00	3.70	6.00	50.00			
Analysis .....	19.60	4.14	5.73	52.89	10.52	7.12	1717D 51H
<b>Dawe's Products Company,</b> Chicago, Illinois. Flavonne .....	31.00	3.00	6.50	35.00			
Analysis <sup>a</sup> .....	24.82	3.35	3.73	53.87	9.06	5.17	2270A 400S
Analysis <sup>a,e</sup> .....	18.20	2.82	2.79	63.80	8.93	3.46	551S
<b>Dawe's Vitamelk Company,</b> Chicago, Illinois. D. V. Base .....	23.00	3.00	5.00	45.00			
Analysis .....	25.49	3.39	3.42	52.49	10.29	4.92	2449A 405M
Analysis .....	28.16	4.43	3.19	48.99	9.99	5.24	272S
Analysis .....	25.20	3.26	3.03	56.04	8.46	4.01	560S
Analysis .....	25.51	4.67	4.61	49.56	10.30	5.35	54W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>101</sup>Deficient in oyster shell.<sup>102</sup>Stomach contents present.<sup>103</sup>Excess of salt found.<sup>104</sup>Deficient in oyster shell.<sup>105</sup>Peanut meal claimed, not found. Cottonseed meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Denison Peanut Company, Inc., Denison, Texas.</b>							
25% Protein Whole-Pressed Peanut Screenings.....	25.00	10.00	14.00	32.00	.....	.....	2387I
Analysis.....	25.00	9.21	24.67	28.17	5.20	7.75	416J
Analysis.....	26.60	9.91	20.19	31.83	4.68	6.79	478J
Analysis.....	27.40	9.78	19.16	32.22	5.45	5.99	502J
Analysis.....	31.59	12.68	19.84	22.62	6.67	6.60	48T
<b>Denton Dairy Co-Operative Association, Denton, Texas.</b>							
Farmers Growing Mash.....	16.00	3.50	5.50	53.00	.....	.....	268I
Analysis.....	16.45	4.25	4.50	59.11	9.00	6.69	351T
Farmers Egg Mash.....	18.00	3.50	7.60	48.50	.....	.....	268M
Analysis <sup>106</sup> .....	19.95	4.01	7.66	49.12	10.06	9.20	58T
<b>Denton Mill &amp; Elevator Company, Denton, Texas.</b>							
Vera-Best 30% Protein Supplement for Pigs and Hogs.....	30.00	3.50	7.00	34.00	.....	.....	1047N
Analysis.....	29.13	6.13	8.38	35.53	9.56	11.27	138T
Analysis <sup>k</sup> .....	31.59	5.14	7.50	30.59	9.68	15.50	22W
Success Brand Egg Mash.....	19.00	4.00	8.00	48.00	.....	.....	1047A1
Analysis.....	18.77	3.65	6.72	52.06	9.74	9.06	44T
<b>Denver Alfalfa Milling &amp; Products Company, The, Lamar, Colorado.</b>							
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	1824A
Analysis <sup>a</sup> .....	15.45	1.67	28.91	37.46	8.47	8.04	558K
Analysis.....	15.10	1.50	30.12	32.09	11.74	9.45	67T
Analysis.....	15.25	1.40	27.64	38.15	8.36	9.20	70T
Alfalfa Stem Meal.....	9.00	0.80	40.00	30.00	.....	.....	1824E
Analysis.....	10.00	1.32	44.89	29.63	8.12	6.04	463K
Analysis.....	9.70	.78	42.82	30.11	9.74	6.85	379M
17% Protein Dehydrated Alfalfa Meal.....	17.00	1.50	27.00	35.00	.....	.....	1824I
Analysis.....	18.06	3.37	23.78	39.35	5.54	9.90	536K
Analysis.....	17.19	2.92	25.84	37.29	6.53	10.23	479S
Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....	1824L
Analysis.....	17.87	3.20	26.00	37.82	5.13	9.98	452H
Analysis.....	17.96	2.54	23.30	37.21	8.05	10.94	21K
<b>Dimmitt Wheat Growers, Inc., Dimmitt, Texas.</b>							
Egg-Producer Brand Laying Mash.....	18.50	3.50	7.60	46.50	.....	.....	513A
Analysis.....	19.36	3.93	6.34	49.24	11.03	10.10	229K
<b>Dittlinger Roller Mills Company, H., New Braunfels, Texas.</b>							
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	13D
Analysis <sup>107</sup> .....	17.52	3.81	6.94	55.56	11.25	4.92	186H
Dittlinger's Best All-Mash Starter.....	18.00	3.80	6.00	48.00	.....	.....	13M
Analysis <sup>108</sup> .....	20.46	4.72	4.83	51.79	10.32	7.88	122H
Analysis <sup>109</sup> .....	17.86	3.02	3.63	57.26	10.38	7.85	405H
Analysis <sup>109</sup> .....	19.39	4.62	4.48	55.82	9.90	5.79	447H
Analysis.....	19.34	4.30	4.76	52.89	11.03	7.68	216M
Analysis.....	19.25	4.08	4.53	54.76	10.36	7.02	42W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>106</sup>Shrimp meal found, not claimed.<sup>107</sup>Wheat brown shorts.<sup>108</sup>Dried kelp claimed, not found. Milo meal found, not claimed.<sup>109</sup>Dried kelp and sardine meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dittlinger Roller Mills Co., H. (Cont.), New Braunfels, Texas							
Dittlinger's Quality Brand Growing Mash.....	16.00	3.60	6.00	52.50	.....	.....	13T
Analysis.....	17.92	<b>3.38</b>	5.13	55.43	10.92	7.22	40H
Analysis.....	16.90	3.66	5.58	56.00	10.60	7.26	248H
Analysis.....	16.26	3.71	4.78	59.83	10.47	4.95	448H
Analysis <sup>200</sup> .....	17.58	<b>3.13</b>	4.57	57.94	11.12	5.66	466H
Quality Brand Egg Mash.....	18.00	3.50	7.00	49.00	.....	.....	13A1
Analysis.....	18.05	3.63	6.56	54.87	10.63	6.26	259H
Analysis.....	20.24	<b>3.41</b>	4.65	53.74	10.26	7.70	406H
Dittlinger's Best Laying Mash.....	20.00	3.50	6.00	47.00	.....	.....	13A7
Analysis <sup>201</sup> .....	20.10	3.98	4.12	56.25	10.00	5.55	387H
Dittlinger's Best 24% Protein Dairy Feed.....	24.00	3.50	10.60	39.50	.....	.....	13A8
Analysis.....	25.30	4.27	8.96	42.44	10.13	8.90	104H
Analysis <sup>202</sup> .....	24.37	4.84	<b>11.71</b>	43.33	10.35	5.40	191H
Crimped Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	13B5
Analysis.....	13.26	<b>3.79</b>	10.60	<b>56.95</b>	11.84	3.56	159M
Dittlinger's Quality Brand Growing Mash Pellets.....	16.00	3.60	6.00	52.50	.....	.....	13B8
Analysis.....	16.98	<b>3.06</b>	5.42	57.03	10.25	7.26	299M
Dittlinger's Quality Brand Chick Starter with Buttermilk.....	18.00	4.00	5.50	48.00	.....	.....	13B9
Analysis <sup>a</sup> .....	<b>16.78</b>	<b>3.16</b>	4.53	57.10	10.12	8.31	249H
Dittlinger's Best Growing Mash.....	15.00	3.60	6.50	51.00	.....	.....	13C3
Analysis.....	18.05	<b>2.84</b>	3.48	59.86	11.01	4.76	462M
Analysis <sup>203</sup> .....	16.89	<b>3.22</b>	4.16	61.63	9.27	4.83	251W
Dittlinger's Hog Feed.....	15.00	3.70	5.50	56.00	.....	.....	13C4
Analysis.....	17.47	4.02	4.71	<b>55.32</b>	11.84	6.64	187H
Dittlinger's Quality Brand Dairy Feed.....	18.00	3.60	10.00	57.00	.....	.....	13C8
Analysis <sup>204</sup> .....	19.05	4.20	7.66	<b>44.99</b>	16.11	7.99	382H
Dittlinger's Best 5 Laying Mash.....	20.50	3.70	7.30	45.30	.....	.....	13D2
Analysis.....	19.42	<b>3.08</b>	4.83	57.10	9.54	6.05	218W
Dittlinger's Best Turkey Starter Pellets.....	24.00	3.50	6.00	42.50	.....	.....	13E1
Analysis <sup>205</sup> .....	<b>18.72</b>	4.88	3.59	55.91	9.35	7.55	267W
Dittlinger's Star Mixed Feed.....	12.00	2.20	27.00	41.00	.....	.....	13E7
Analysis <sup>206</sup> .....	14.00	3.00	19.05	45.86	10.63	7.46	61H
Analysis <sup>207</sup> .....	15.66	3.10	13.36	50.21	10.01	7.66	5M
Dittlinger's 18% Protein Cow Feed.....	18.00	4.20	9.00	46.50	.....	.....	13F4
Analysis.....	<b>17.89</b>	4.29	8.09	50.44	11.73	7.56	140H
Analysis.....	19.64	5.16	8.49	48.17	11.29	7.25	312H
Analysis.....	19.40	4.59	8.20	50.19	10.43	7.19	89W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>200</sup>Deficient in salt. Excess of ground limestone found.<sup>201</sup>Dried kelp claimed, not found.<sup>202</sup>Deficient in ground limestone and salt.<sup>203</sup>Deficient in ground limestone.<sup>204</sup>Sorghum seed found, not claimed.<sup>205</sup>Sorghum seed found, not claimed. Excess ground limestone found.<sup>206</sup>Deficient in ground limestone.<sup>207</sup>Alfalfa leaf meal found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Dittlinger Roller Mills Co., H. (Cont.),</b> <b>New Braunfels, Texas.</b>							
Dittlinger's Eclipse Brand Laying Mash	20.00	3.60	6.50	46.50			13F6
Analysis	21.53	4.97	5.86	46.41	10.41	10.82	1A
Analysis	22.12	3.66	5.57	50.47	10.38	7.80	52H
Analysis	17.85	3.61	5.22	61.09	6.56	5.67	319H
Analysis	17.84	3.46	6.40	54.80	12.02	5.48	329H
Analysis <sup>208</sup>	17.50	3.43	5.09	57.04	10.10	6.84	386H
Analysis <sup>209</sup>	17.79	2.69	4.86	58.85	11.41	4.40	460H
Analysis	16.10	3.04	4.23	61.47	10.15	5.01	488H
Analysis	21.40	4.59	5.24	47.81	10.82	10.14	7W
Analysis <sup>210</sup>	16.91	3.32	4.22	59.37	10.96	5.22	202W
Dittlinger's Eclipse Brand Laying Mash Pellets	20.00	3.60	6.50	46.50			13F7
Analysis	20.91	4.41	5.04	46.27	12.79	10.58	158M
Dittlinger's Best Turkey Growing Mash Pellets	21.00	3.60	6.00	43.50			13F9
Analysis <sup>211</sup>	17.21	3.51	4.15	57.84	9.42	7.87	266W
Dittlinger's Best Broiler Mash	18.00	3.50	5.00	50.00			13G3
Analysis	19.67	3.89	3.80	57.07	10.07	5.50	461M
Dittlinger's 20% Protein Cattle Feed Cubes	20.00	3.20	9.00	45.30			13H1
Analysis <sup>212</sup>	22.61	3.22	8.93	44.93	11.50	8.81	111S
Special Broiler Feed	20.00	3.50	6.80	46.00			13I3
Analysis	20.32	3.74	5.41	55.25	10.45	4.83	260H
Dittlinger's 16% Protein Dairy Feed	16.00	3.00	7.00	53.00			13I4
Analysis	15.33	4.02	5.93	58.09	10.47	6.16	475H
Analysis <sup>212</sup>	14.22	3.18	6.53	57.89	12.01	6.17	456M
<b>Dixie Poultry Farm &amp; Hatchery,</b> <b>Brenham, Texas.</b>							
Dixie Quality Brand Breeder Egg Mash	19.00	3.50	7.00	47.00			962B
Analysis	20.25	4.29	7.40	51.82	8.88	7.36	403M
Dixie Quality Brand Breeder Egg Mash Pellets	19.00	3.50	7.00	47.00			962G
Analysis <sup>k</sup>	19.88	4.65	4.21	52.36	9.88	9.02	32M
Dixie Broiler Mash	18.00	3.70	7.00	49.00			962I
Analysis	19.15	4.14	6.46	52.75	9.48	8.02	402M
<b>Dixon Packing Company, Inc.,</b> <b>Houston, Texas.</b>							
Dixco Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			2572A
Analysis	52.46	9.48	1.27	1.06	6.90	28.83	400H
Analysis	51.36	10.47	2.00	1.96	7.02	27.19	44M
<b>Dobry Flour Mills, Inc.,</b> <b>Yukon, Oklahoma.</b>							
Wheat Bran and Screenings	14.50	3.00	10.00	50.00			739D
Analysis	16.35	3.88	8.32	54.58	11.90	4.97	127M
Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00			739G
Analysis	17.47	4.39	6.16	55.76	12.15	4.07	127J
Analysis <sup>a</sup>	16.71	4.34	6.24	55.75	12.71	4.25	402J
<b>Dorsey Grain Company,</b> <b>Weatherford, Texas.</b>							
Cows' Delight Dairy Feed	23.50	3.50	9.50	42.50			259B
Analysis <sup>k</sup>	21.53	3.51	6.64	48.73	10.73	8.86	361T
Big 3 Special Feed	14.00	2.00	35.00	32.00			259X
Analysis <sup>213</sup>	13.03	2.31	32.32	33.07	13.55	5.72	292T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>208</sup>Meat and bone scraps and bone meal claimed, not found.<sup>209</sup>Meat and bone scraps and bone meal claimed, not found. Sorghum seed found, not claimed.<sup>210</sup>Deficient in ground limestone and salt.<sup>211</sup>Sorghum seed found, not claimed. Excess ground limestone found.<sup>212</sup>Deficient in ground limestone.<sup>213</sup>Soybean oil meal found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Downman Grain &amp; Hay Company, E. C., Houston, Texas.</b>							
Big D 18% Protein Dairy Feed.....	18.00	4.00	14.00	42.00	.....	.....	276H
Analysis <sup>214</sup> .....	18.54	3.27	9.79	48.42	12.32	7.66	375M
Big "D" 16% Protein Dairy Feed.....	16.00	4.00	16.00	41.50	.....	.....	276A6
Analysis <sup>215</sup> .....	21.22	5.07	12.96	42.65	11.22	6.88	28M
Analysis <sup>216</sup> .....	19.07	2.94	12.25	45.81	12.32	7.61	374M
Big D Brand Laying Mash.....	18.00	4.00	7.00	45.00	.....	.....	276D1
Analysis <sup>e</sup> .....	16.26	4.35	6.45	56.25	10.37	6.32	373M
Rolled Whole Oats and Rolled Whole Barley.....	11.00	3.40	10.50	59.70	.....	.....	276E8
Analysis <sup>e</sup> .....	13.28	3.83	10.01	57.06	12.41	3.41	154M
Chowmix Hog Feed K.....	14.00	3.00	6.00	56.00	.....	.....	276F2
Analysis <sup>e</sup> .....	15.92	3.54	3.89	61.42	11.51	3.72	27M
Downman's Best Creep Feed.....	11.20	3.00	10.50	59.50	.....	.....	276F3
Analysis <sup>217b</sup> .....	10.96	3.30	10.06	61.15	11.58	2.95	77M
<b>Dublin Mills, Inc., Dublin, Texas.</b>							
All-Gold Brand 20% Protein Laying Mash.....	20.00	3.50	8.00	49.00	.....	.....	678R
Analysis <sup>218</sup> .....	20.97	3.93	8.13	48.84	10.17	7.96	13T
Analysis.....	20.08	4.06	7.85	51.88	8.65	7.48	248W
All-Gold Brand Growing Mash.....	17.00	4.00	7.00	48.50	.....	.....	678A3
Analysis <sup>219</sup> .....	19.33	3.82	6.27	54.35	9.29	6.94	249W
All-Gold Brand Turkey Starter.....	24.00	4.00	6.50	44.50	.....	.....	678D4
Analysis <sup>220</sup> .....	12.40	3.28	6.50	58.09	10.21	9.52	236T
<b>Dungan Grain &amp; Feed Company, McKinney, Texas.</b>							
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	777B
Analysis.....	15.32	1.42	26.46	36.51	8.94	11.35	137T
<b>Durant Milling Company, Durant, Oklahoma.</b>							
Red Warrior Laying Mash.....	20.00	4.50	7.00	45.00	.....	.....	2037C
Analysis <sup>221</sup> .....	18.25	2.54	11.37	50.30	7.88	9.66	501J
Red Warrior Dairy Feed with Molasses.....	16.00	3.30	11.00	47.00	.....	.....	2037Q
Analysis <sup>222</sup> .....	16.29	3.81	9.06	52.22	12.04	6.58	52T
Analysis <sup>e</sup> .....	16.08	3.99	9.09	53.62	11.05	6.17	129T
Red Warrior Dairy Feed.....	16.00	3.50	10.00	49.00	.....	.....	2037Q
Analysis <sup>223</sup> .....	16.42	4.27	11.03	51.08	10.66	6.54	417J
Analysis <sup>224</sup> .....	14.47	4.55	10.28	54.58	9.33	6.79	140T
Tee-Pee Sweet Feed.....	9.00	2.50	14.50	49.50	.....	.....	2037Z
Analysis <sup>225</sup> .....	8.07	1.18	13.48	53.76	14.08	9.43	130T
<b>Eager Feed &amp; Produce, Stamford, Texas.</b>							
Circle-E Egg Mash.....	18.00	3.50	7.00	46.00	.....	.....	1312A
Analysis <sup>226</sup> .....	18.93	4.46	5.87	53.99	10.26	6.49	70S
Analysis <sup>227</sup> .....	18.21	3.57	6.25	56.47	9.42	6.08	433S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>214</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed. Deficient in rice bran. Registration canceled.<sup>215</sup>Rice bran claimed, not found.<sup>216</sup>Cottonseed meal claimed, not found. Soybean oil meal and rice hulls found, not claimed.<sup>217</sup>Blank tags of wrong denomination attached.<sup>218</sup>Cottonseed meal found, not claimed.<sup>219</sup>Deficient in ground oyster shell.<sup>220</sup>Deficient in meat and bone scraps. Used by manufacturer in feeding own stock.<sup>221</sup>Excess of ground limestone and salt found.<sup>222</sup>Soybean oil meal claimed, not found. Peanut meal and alfalfa leaf meal found, not claimed.<sup>223</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>224</sup>Deficient in oyster shell and salt.<sup>225</sup>Ear corn chop with husk found, not claimed. Deficient in limestone.<sup>226</sup>Fish meal claimed, not found.<sup>227</sup>Cottonseed meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Eager Feed &amp; Produce (Continued), Stamford, Texas.</b>							
Circle-E Growing Mash.....	16.00	3.50	7.00	51.00	.....	.....	1312C
Analysis.....	16.90	3.54	6.23	57.42	9.73	6.18	432S
Circle-E 18% Protein Dairy Feed.....	18.00	3.20	9.50	48.00	.....	.....	1312D
Analysis.....	15.27	3.40	9.06	54.90	9.17	8.20	540S
Circle-E Chick Starter.....	17.00	3.50	6.00	54.00	.....	.....	1312E
Analysis.....	18.55	4.19	6.28	53.65	9.72	7.61	268S
Circle-E Poultry Fattener.....	13.00	3.50	5.50	61.00	.....	.....	1312H
Analysis.....	13.04	2.94	3.44	65.59	12.17	2.82	16S
<b>Eagle Milling Company, Edmond, Oklahoma.</b>							
Wheat Brown Shorts and Screenings.....	16.50	3.50	7.50	53.00	.....	.....	724F
Analysis <sup>228</sup> .....	15.61	3.54	5.93	58.20	12.63	4.09	223J
Analysis.....	16.70	4.04	7.54	55.72	11.26	4.74	306J
Analysis.....	15.97	3.84	7.20	57.14	11.23	4.62	342J
First Prize Brand Egg Mash.....	18.00	3.50	8.00	48.00	.....	.....	724H
Analysis.....	16.49	4.35	6.94	53.08	10.07	9.07	353J
Analysis <sup>229</sup> .....	15.74	3.39	5.01	56.24	10.08	9.54	435M
Analysis <sup>230</sup> .....	18.00	3.59	5.67	54.24	10.15	9.35	187W
First Prize Brand Dairy Feed.....	15.00	3.00	8.00	54.00	.....	.....	724I
Analysis <sup>231</sup> .....	16.54	3.41	6.64	54.28	9.55	9.58	444J
4-H Brand Egg Mash.....	20.00	3.50	8.00	45.00	.....	.....	724O
Analysis.....	18.78	4.38	7.30	48.59	9.93	11.02	190J
Analysis.....	19.16	4.27	5.08	51.80	9.33	10.36	474J
Analysis.....	18.63	3.69	5.40	52.89	9.76	9.63	493M
4-H Brand 20% Protein Dairy Feed.....	20.00	4.50	12.70	40.00	.....	.....	724R
Analysis <sup>232</sup> .....	20.22	3.78	6.17	50.92	8.92	9.99	400J
Analysis <sup>233</sup> .....	20.04	4.36	6.97	50.06	8.46	10.11	494M
4-H Brand Growing Mash.....	17.00	4.00	7.00	51.00	.....	.....	724S
Analysis.....	15.84	3.70	4.97	59.48	10.34	5.87	371J
4-H Brand Chick Starting Mash.....	18.00	4.00	7.00	51.00	.....	.....	724T
Analysis <sup>233</sup> .....	16.64	4.78	5.84	55.28	10.78	6.68	397J
Emco Mixed Feed.....	12.20	3.00	5.00	62.00	.....	.....	724Y
Analysis <sup>234</sup> .....	12.11	3.81	4.66	61.21	11.93	6.28	156J
Ground Rye.....	10.00	1.50	2.00	72.00	.....	.....	724A1
Analysis.....	13.08	1.71	2.55	68.12	12.53	2.01	370J
Analysis.....	12.81	1.56	2.34	69.01	12.33	1.95	359M
Analysis.....	12.65	1.75	2.53	69.02	12.19	1.86	436M
<b>Early Grain &amp; Seed Company, Waco, Texas.</b>							
Early's Best Laying Mash.....	19.00	3.60	6.50	45.50	.....	.....	412H
Analysis.....	21.17	4.78	5.55	49.77	9.84	8.89	71W
Analysis.....	21.94	4.67	6.48	49.40	8.46	9.05	142W
Early's Best Chick Growing Mash.....	17.50	3.50	5.50	55.00	.....	.....	412M
Analysis.....	20.29	3.48	5.19	54.54	9.17	7.33	232W
<b>East Texas Cotton Oil Company, Kaufman, Texas.</b>							
41% Protein Soybean Oil Meal.....	41.00	4.70	6.00	28.00	.....	.....	607B
Analysis.....	46.01	4.74	4.30	29.64	9.24	6.07	312J
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	607F
Analysis <sup>c</sup> .....	41.14	6.09	10.24	27.39	9.12	6.02	9J
Analysis <sup>e</sup> .....	41.56	6.02	11.07	27.10	8.43	5.82	103J
Analysis <sup>b</sup> .....	41.53	6.50	10.29	27.72	8.20	5.76	155J
Analysis <sup>e</sup> .....	41.48	5.44	11.19	28.24	7.92	5.73	212J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>228</sup>Corn meal present.<sup>229</sup>Soybean oil meal, milo meal, and kafir meal found, not claimed. Alfalfa leaf meal claimed, not found.<sup>230</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>231</sup>Ground limestone found, not claimed.<sup>232</sup>Soybean oil meal found, not claimed.<sup>233</sup>Cottonseed meal claimed, not found.<sup>234</sup>Excess of ground limestone found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>East Texas Cotton Oil Company, Palestine, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			549C
Analysis.....	44.51	5.80	9.25	26.71	7.94	5.79	50J
Analysis.....	43.69	6.14	10.08	27.38	6.96	5.75	91J
Analysis.....	42.61	6.36	10.48	26.77	7.67	6.11	22W
Milk-O-Feed.....	17.00	4.00	19.30	40.80			549E
Analysis <sup>235</sup> .....	19.18	5.15	15.46	40.87	10.70	8.64	99J
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00			549J
Analysis.....	45.13	7.03	13.99	22.09	7.75	4.01	222J
Analysis.....	44.42	6.33	15.47	21.10	8.57	4.11	256J
Analysis <sup>240</sup> .....	40.25	6.65	17.88	24.32	6.75	4.15	305J
Analysis.....	43.86	6.54	18.08	20.03	7.21	4.28	372J
Analysis.....	42.93	6.82	16.06	22.74	6.06	5.39	516J
Analysis.....	42.75	6.90	14.85	23.16	6.86	5.48	521J
<b>East Texas Cotton Oil Company, Terrell, Texas.</b>							
Nutrio Mixed Feed.....	11.60	1.70	36.70	35.50			63A
Analysis.....	11.12	1.92	35.32	38.53	8.14	4.97	215J
Etco Cow Feed.....	18.00	2.00	39.00	45.50			63B
Analysis.....	18.89	3.16	38.35	23.57	7.48	8.55	317J
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			63C
Analysis <sup>c</sup> .....	41.43	5.25	11.35	29.27	7.06	5.64	55J
Analysis.....	44.12	5.64	10.12	26.39	7.87	5.86	104J
Etco Baby Chick Starter.....	17.00	3.70	5.60	52.00			63E
Analysis <sup>240</sup> .....	15.97	3.47	4.38	59.12	10.57	6.49	424J
41% Protein Soybean Oil Meal.....	41.00	4.70	6.00	28.00			63F
Analysis.....	44.96	5.80	5.96	29.08	8.05	6.15	265J
Analysis.....	44.80	6.79	5.59	27.77	8.82	6.23	425J
Analysis.....	45.55	5.50	5.57	28.44	9.32	5.62	405K
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00			63K
Analysis <sup>c</sup> .....	42.47	6.34	11.30	26.26	7.73	5.90	210J
41% Protein Soybean Oil Pellets.....	41.00	5.00	6.00	28.00			63L
Analysis.....	43.55	7.18	5.30	26.92	10.68	6.37	135T
Etco Chick Growing Mash.....	15.00	3.50	5.50	54.00			63O
Analysis.....	17.56	4.15	4.10	56.59	10.61	6.99	326J
Etco 44% Protein Supplement for Hogs.....	44.00	4.50	12.00	15.00			63X
Analysis <sup>c</sup> .....	44.52	5.66	10.89	18.97	6.59	13.37	54J
Analysis.....	44.95	5.23	7.70	19.49	7.71	14.92	377J
Analysis <sup>237</sup> .....	45.79	6.61	10.07	16.47	7.09	13.97	512J
Cotton Bloom Brand Laying Mash.....	21.00	4.00	7.00	44.00			63A6
Analysis.....	22.36	4.79	6.29	46.12	10.08	10.36	267J
Etco 18% Protein Dairy Feed.....	18.00	3.50	12.40	44.00			63B2
Analysis <sup>c</sup> .....	18.46	3.94	10.51	47.84	10.76	8.49	213J
Etco 18.50% Protein Dairy Feed.....	18.50	3.50	13.00	45.00			63B2
Analysis.....	19.62	3.36	10.27	47.67	11.63	7.45	487J
Cotton Bloom Brand 24% Protein Dairy Feed.....	24.00	4.00	12.70	37.00			63B3
Analysis <sup>c</sup> .....	23.76	4.32	12.05	41.92	9.32	8.63	163J
Analysis <sup>c</sup> .....	25.67	4.32	11.83	38.06	10.30	9.82	318J
Cotton Bloom Brand 24% Protein Dairy Feed.....	24.00	4.00	9.30	41.00			63B3
Analysis.....	29.39	4.28	8.16	42.42	7.25	8.50	513J
Etco Pig and Hog Feed.....	17.50	3.00	6.50	53.80			63B5
Analysis.....	18.69	3.67	4.73	54.17	11.18	7.56	162J
<b>East Texas Cotton Oil Company, Tyler, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			855A
Analysis.....	44.57	6.78	9.11	26.92	6.74	5.88	74J
Analysis.....	42.97	6.45	10.21	27.12	7.15	6.10	126J
Analysis.....	42.90	6.49	9.73	26.96	7.97	5.95	219J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>235</sup>Rice hulls and peanut hulls found, not claimed.<sup>236</sup>Deficient in oyster shell.<sup>237</sup>Excess of salt found. Calcium carbonate found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>East Texas Cotton Oil Co. (Continued), Tyler, Texas.</b>							
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00			855C
Analysis.....	45.42	5.42	9.49	26.66	6.81	6.20	128J
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00			855F
Analysis.....	44.97	7.83	13.95	22.37	6.34	4.54	284J
Analysis <sup>239</sup> .....	40.23	6.01	20.13	21.54	7.81	4.28	309J
Analysis.....	46.64	7.63	13.27	22.10	5.77	4.59	321J
<b>East Texas Milling Company, Marshall, Texas.</b>							
Magic Brand Laying Mash.....	18.00	3.50	7.50	47.00			961E
Analysis <sup>238</sup> .....	18.78	3.92	5.47	52.75	10.08	9.00	302J
Magic Brand 16% Protein Cow Feed.....	16.00	3.60	23.00	39.00			961N
Analysis <sup>239</sup> .....	14.69	4.06	21.09	38.00	13.02	9.14	186J
Magic Brand Pig and Hog Feed.....	15.70	3.00	6.50	47.00			961R
Analysis.....	18.16	4.19	6.19	52.60	9.72	9.14	401J
Magic Brand Growing Mash.....	16.50	3.50	7.80	52.00			961T
Analysis <sup>240</sup> .....	19.59	2.86	6.01	55.53	10.10	5.91	443J
Magic Brand 24% Protein Dairy Feed.....	24.00	3.00	11.00	43.00			961X
Analysis <sup>241</sup> .....	23.74	5.28	9.87	39.71	11.06	10.34	137J
<b>Economy Cash Feed, Electra, Texas.</b>							
Economy Brand Dairy Feed.....	16.50	3.00	15.00	46.00			2508C
Analysis.....	19.08	3.45	11.86	48.54	10.18	6.89	18T
Analysis.....	20.16	3.67	10.25	46.86	11.75	7.31	98T
Economy Pride Brand Dairy Feed.....	25.00	4.00	13.00	39.00			2508F
Analysis <sup>242</sup> .....	23.16	4.28	12.72	44.24	9.42	6.18	17T
Analysis.....	21.56	4.39	11.42	45.80	10.00	6.83	189T
Analysis.....	24.09	4.45	8.56	47.11	8.82	6.97	304T
<b>Economy Cash Feed Store, Wichita Falls, Texas.</b>							
"Best" Brand Egg Mash.....	19.50	4.30	8.00	47.00			29B
Analysis.....	17.81	4.32	7.32	52.09	10.11	8.35	16T
Analysis.....	18.86	4.09	6.25	51.88	10.53	8.39	41T
"Best" Brand Sweet Cow Feed.....	16.50	2.70	14.00	43.50			29O
Analysis <sup>243</sup> .....	17.58	3.34	12.66	47.61	10.89	7.92	15T
"Best" Brand Dairy Cow Feed.....	17.50	3.00	15.00	44.80			29O
Analysis <sup>243</sup> .....	17.55	2.98	18.40	42.23	9.62	9.22	112T
<b>Economy Mills, Lubbock, Texas.</b>							
Milo Head Chop.....	8.50	2.50	8.00	65.00			1099B
Analysis.....	11.22	2.14	5.76	64.77	12.15	3.96	62M
Everlay D-D Brand Gro-Mash.....	18.00	3.50	7.50	49.00			1099K
Analysis.....	20.09	3.67	7.26	52.12	9.94	6.92	292K
Everlay D-D Brand Winter Egg Mash.....	19.00	3.50	8.00	48.00			1099X
Analysis.....	20.31	3.92	5.97	51.75	10.09	7.96	177K
Analysis.....	19.21	3.62	8.67	51.35	9.93	7.22	123W
Milk-A-Way Brand Dairy Feed.....	24.00	3.60	11.00	42.00			1099Z
Analysis <sup>244</sup> .....	22.83	2.82	11.09	46.04	11.37	5.85	179K
Analysis.....	22.37	3.79	8.43	56.61	11.13	7.67	389K
Everlay D-D Brand Summer Gro-Mash.....	18.00	3.50	8.00	50.60			1099A5
Analysis <sup>245</sup> .....	17.99	3.77	7.99	53.91	9.99	6.35	574K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>238</sup>Cottonseed meal and kafir meal found, not claimed.<sup>239</sup>Excess of oyster shell and salt found.<sup>240</sup>Cottonseed meal found, not claimed. Deficient in oyster shell.<sup>241</sup>Alfalfa meal claimed, not found. Rice bran and peanut hulls found, not claimed.<sup>242</sup>Excess of salt found. Deficient in ground limestone.<sup>243</sup>Rice hulls found, not claimed.<sup>244</sup>Deficient in ground limestone and salt.<sup>245</sup>Excess of ground limestone and salt found.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Economy Mills (Continued), Lubbock, Texas.</b>							
Everlay D-D Brand Chick Starter.....	18.00	3.50	7.00	50.00			1099C4
Analysis <sup>b</sup> .....	20.35	4.50	6.71	51.38	9.77	7.29	280K
Everlay Brand 35% Protein Egg Mash Concentrate.....	35.00	4.00	6.50	25.00			1099C8
Analysis.....	36.56	5.33	7.69	25.73	8.19	16.50	93K
Sweet Milk Brand Mixed Feed No. 1.....	13.00	2.50	13.00	48.00			1099D5
Analysis.....	13.72	2.20	12.74	50.73	12.21	8.40	203K
Master Brand 33% Protein Pork-Maker Supplement.....	33.00	4.30	11.70	23.50			1099F6
Analysis.....	34.33	6.59	8.35	29.26	7.45	14.02	390K
Master Brand Egg Mash.....	18.00	3.50	8.00	47.00			1099F8
Analysis.....	19.79	3.41	6.55	52.49	10.66	7.10	48K
Analysis <sup>a246</sup> .....	18.90	3.67	7.01	53.39	9.30	7.73	482K
Master Brand Starting Mash.....	18.00	3.50	7.00	51.00			1099G6
Analysis.....	18.80	3.67	6.45	53.82	10.34	6.92	435K
Everlay D-D Brand Egg Mash.....							
Analysis <sup>a7</sup> .....	19.60	3.90	6.93	52.20	9.83	7.54	52K
<b>Eden Wool &amp; Mohair Company, Eden, Texas.</b>							
Hall's Economy Brand Dairy Feed.....	18.00	3.40	13.00	47.00			2125G
Analysis.....	19.08	3.20	9.35	52.92	8.69	6.76	303S
Analysis <sup>a247</sup> .....	20.13	2.67	10.99	51.30	8.98	5.93	518S
Eden's Best Laying Mash.....	18.00	3.50	8.00	49.00			2125K
Analysis.....	18.69	4.42	6.27	50.78	10.46	9.38	202S
Hall's Quality Brand Chick Growing Mash.....	16.00	3.50	6.00	53.80			2125Q
Analysis <sup>a248</sup> .....	17.10	4.05	4.96	56.72	10.17	7.00	467S
Hall's Quality Brand 41% Protein Supplement for Hogs.....	41.00	5.00	10.00	22.60			2125R
Analysis <sup>a49</sup> .....	40.75	6.23	8.79	20.11	6.80	17.32	413S
<b>Edgewater Packing Company, Monterrey, California.</b>							
Edgewater Brand 67% Protein Sardine Meal.....	67.00	3.00	1.00	0.00			1949A
Analysis <sup>a50</sup> .....	71.09	4.17	.20	4.66	8.04	11.84	4K
<b>Egaday Feed &amp; Seed Store, Bryan, Texas.</b>							
Bryan Special Brand Pig and Hog Feed.....	15.50	3.00	5.20	58.80			1669C
Analysis.....	16.42	3.68	4.37	59.85	12.03	3.65	210M
Bryan Special Brand Stock Feed.....	12.50	2.60	5.00	63.00			1669E
Analysis.....	12.67	3.67	3.43	64.64	11.73	3.86	209M
<b>Egg-A-Day Hatchery, Rotan, Texas.</b>							
J. O.'s Egg Mash.....	19.00	3.60	6.00	48.00			2456A
Analysis.....	21.15	4.59	5.23	48.18	9.21	11.64	80S
J. O.'s Baby Chick Starter.....	18.00	3.50	5.00	51.00			2456C
Analysis.....	19.51	4.26	4.32	50.45	10.83	10.63	332S
J. O.'s Growing Mash.....	18.50	3.70	6.00	46.50			2456E
Analysis.....	20.13	4.33	4.32	51.01	9.50	10.71	495S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>a246</sup>Linseed meal found, not claimed.<sup>a247</sup>Deficient in oyster shell and salt.<sup>a248</sup>Fish meal claimed, not found.<sup>a249</sup>Cottonseed meal claimed, not found.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>El Campo Rice Milling Company,</b> <b>El Campo, Texas.</b>							
Elco Fulvalu Brand Dairy Feed .....	18.00	4.50	12.00	44.50			451E
Analysis <sup>250</sup> .....	18.90	5.28	10.08	45.97	10.90	8.87	63H
Analysis <sup>250e</sup> .....	19.00	7.09	7.73	47.43	10.33	8.42	350M
Elco Fulvalu Brand 16% Protein Dairy Feed .....	16.00	4.50	9.40	46.50			451E
Analysis .....	19.14	5.57	9.06	47.52	10.43	8.28	505M
Super-8 Brand Egg Mash with Cod Liver Oil .....	19.00	5.00	7.50	46.00			451G
Analysis <sup>251e</sup> .....	18.90	5.80	5.50	48.77	9.74	11.29	7M
Elco Creep Feed .....	13.50	4.00	5.50	56.00			451H
Analysis .....	14.14	5.86	9.55	51.00	11.65	7.80	351M
Elco Hog Fattener .....	12.00	4.00	5.50	56.00			451I
Analysis .....	12.62	7.12	3.57	57.53	13.08	6.08	62H
Analysis .....	13.32	6.92	4.69	56.97	11.34	6.76	215M
Elco Fairplay Scratch Feed .....	10.00	2.70	3.50	68.00			451M
Analysis .....	11.20	2.99	1.99	71.70	10.56	1.56	506M
Elco Supreme Brand Pig Feed .....	15.50	5.50	7.00	50.00			451A5
Analysis .....	15.76	6.52	6.93	51.28	10.70	8.81	214M
Elco Branola .....	13.00	12.00	14.00	40.00			451A7
Analysis <sup>252</sup> .....	13.20	15.44	11.88	36.63	8.12	14.73	81M
Elco Shortola .....	12.00	10.00	4.20	50.00			451A8
Analysis <sup>253</sup> .....	13.24	12.41	2.83	53.81	10.86	6.85	131H
Analysis .....	13.86	13.84	2.74	51.85	10.43	7.28	443M
Elco Chicken Dinner Mash .....	19.30	4.10	7.50	46.40			451B6
Analysis .....	21.12	6.26	5.71	47.34	9.93	9.64	297H
Analysis <sup>254</sup> .....	22.01	4.42	5.96	47.10	10.40	10.11	8M
Analysis .....	18.26	4.98	7.57	52.72	9.22	7.25	502M
Elco Coastal Cattle Feed Pellets .....	17.00	3.20	8.00	50.00			451D7
Analysis <sup>255</sup> .....	19.54	4.54	5.56	52.41	11.59	6.36	349M
Elco Pro-Vi-Min Broiler Mash .....	19.20	4.00	6.40	49.00			451E9
Analysis <sup>256</sup> .....	20.09	4.97	4.07	50.41	11.74	8.72	348M
<b>Eldorado Wool Company,</b> <b>Eldorado, Texas.</b>							
Ewco Brand 18% Protein Dairy Feed .....	18.00	3.50	10.00	49.00			34B
Analysis <sup>257</sup> .....	20.13	3.25	9.34	51.79	8.02	7.47	513S
<b>Elgin Cotton Oil Company,</b> <b>Elgin, Texas.</b>							
43% Protein Cottonseed Meal .....	43.00	6.00	12.00	23.00			1429B
Analysis .....	43.87	6.22	11.02	26.25	6.83	5.81	72H
Analysis <sup>258</sup> .....	43.50	7.17	11.02	24.79	7.82	5.70	56W
41% Protein Cottonseed Meal .....	41.00	5.00	12.00	25.00			1429G
Analysis <sup>259e</sup> .....	40.24	5.51	13.12	28.44	7.31	5.38	280H
<b>Elk Cottonoil Co.,</b> <b>Elk City, Oklahoma.</b>							
Elk Brand 43% Protein Cottonseed Pellets .....	43.00	5.20	12.00	25.00			472E
Analysis .....	43.62	5.90	9.08	27.39	8.12	5.89	245K
Elk Brand 43% Protein Coarse Cottonseed Meal .....	43.00	5.20	12.00	25.00			472F
Analysis .....	43.60	6.63	9.25	25.88	8.96	5.68	24K
Analysis <sup>c</sup> .....	42.27	5.82	10.21	28.47	6.98	6.25	130K
Analysis <sup>c</sup> .....	42.28	5.79	10.34	27.92	7.58	6.09	138K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>250</sup>Excess of oyster shell found. Deficient in salt.<sup>251</sup>Hegari meal found, not claimed.<sup>252</sup>Excess of precipitated calcium carbonate found.<sup>253</sup>Ground limestone present.<sup>254</sup>Excess of salt found.<sup>255</sup>Soybean oil meal found, not claimed.<sup>256</sup>Deficient in oyster shell.<sup>257</sup>Cottonseed meal claimed, not found. Peanut meal found, not claimed.<sup>258</sup>Off quality.<sup>259</sup>Excess cottonseed hulls found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Elk Cottonoil Co. (Continued), Elk City, Oklahoma.</b>							
Elk Brand 41% Protein Soybean Oil Meal	41.00	5.00	6.00	28.00			472J
Analysis <sup>d260</sup>	46.38	5.80	5.98	28.97	6.69	6.18	452K
Analysis <sup>d261</sup>	46.43	5.67	6.14	29.05	6.55	6.16	453K
<b>Elk Valley Alfalfa Mills, Inc., Independence, Kansas.</b>							
20% Protein Dehydrated Alfalfa Meal	20.00	2.00	18.00	39.00			2632B
Analysis	20.54	3.56	21.54	34.81	5.81	13.74	483M
E-V No. 2 Finely Ground Alfalfa Meal	13.00	1.50	33.00	35.00			2632C
Analysis <sup>d4</sup>	15.14	1.59	28.25	37.21	10.00	7.81	171M
Analysis <sup>d4</sup>	16.05	1.65	30.33	36.04	7.68	8.25	45T
Analysis <sup>d4</sup>	14.90	1.50	30.23	36.24	8.94	8.19	13W
<b>El Paso Cotton Industries, Inc., El Paso, Texas.</b>							
Paymaster Brand 43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			1116A
Analysis	43.52	6.43	9.75	27.93	6.23	6.14	143S
Analysis <sup>c</sup>	41.23	6.24	11.26	29.08	6.19	6.00	144S
Analysis	42.50	6.29	9.76	29.51	5.89	6.05	284S
Analysis <sup>b,c</sup>	41.86	6.11	11.29	28.68	5.75	6.31	348S
Paymaster Brand 43% Protein Cottonseed Cake	43.00	5.20	12.00	25.00			1116B
Analysis	42.52	6.45	10.46	28.05	6.41	6.11	153S
Paymaster Brand 43% Protein Cottonseed Pellets	43.00	5.20	12.00	25.00			1116G
Analysis <sup>c</sup>	41.80	6.34	9.40	28.85	7.52	6.09	45S
Analysis	42.88	6.16	9.44	27.67	7.98	5.87	98S
<b>Engleman Products Company, Elsa, Texas.</b>							
Dried Citrus Pulp	6.00	1.40	12.50	66.00			383A
Analysis	5.12	1.18	10.61	68.72	10.46	3.91	218H
<b>Ervine &amp; Bishop, Houston, Texas.</b>							
Dixie Brand Peanut Hulls, Rice Hulls, Ground Screenings, Molasses, Corn Chop, Kafir Chop, Alfalfa Stem Meal, and Salt	6.50	1.50	26.00	44.00			76D
Analysis	8.98	1.68	23.56	44.55	11.67	9.56	58M
But-A-Fat Brand 19% Protein Dairy Feed	19.00	3.40	15.00	48.00			76V
Analysis	20.36	3.26	11.87	44.30	13.23	6.98	311M
Shur-Eggs Brand Chick Starter	20.00	3.70	5.50	46.00			76A6
Analysis	20.80	4.31	5.15	49.68	10.42	9.64	423M
Shur-Eggs Brand Egg Mash	20.00	3.70	6.00	48.00			76B2
Analysis <sup>202</sup>	21.61	4.49	4.72	48.45	10.69	10.04	12M
Big Ten Brand Laying Mash	20.00	3.60	6.50	45.50			76D2
Analysis <sup>203</sup>	22.85	3.71	5.65	46.32	10.53	10.93	13M
Milko Brand 24% Protein Dairy Ration	24.00	3.50	17.00	35.00			76E7
Analysis <sup>204</sup>	26.95	4.25	11.83	39.37	11.16	6.44	279M
Grade A Brand Dry and Freshening Cow Feed	12.50	3.50	12.50	48.00			76F6
Analysis <sup>205</sup>	16.60	3.64	8.71	57.27	7.51	6.27	388M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>200</sup>Not tagged, but tags furnished.<sup>201</sup>Not tagged, but tags furnished. Short in weight.<sup>202</sup>Excess of salt found.<sup>203</sup>Deficient in oyster shell. Excess of salt found.<sup>205</sup>Cottonseed meal and linseed meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Ervine &amp; Bishop (Continued),</b> Houston, Texas							
Shurfat Brand 40% Protein Concentrate for Hogs	40.00	4.50	10.00	19.50			76F8
Analysis	40.10	4.70	8.39	22.05	8.14	16.62	313M
Palomino Horse and Mule Feed	10.00	3.00	8.50	57.00			76G1
Analysis <sup>208</sup>	13.41	3.60	8.46	58.63	11.08	4.82	387M
Thrifty-T-Mix Brand All-Mash Laying Ration	16.50	4.20	7.50	49.00			76G4
Analysis	17.12	5.26	7.15	50.14	10.84	9.49	312M
Ground Rye	10.00	1.50	2.00	72.00			76H4
Analysis	13.53	1.79	2.49	71.05	8.98	2.16	488M
<b>Evangeline Cotton Oil Company,</b> Ville Platte, Louisiana.							
28% Protein Whole-Pressed Cottonseed	28.00	4.50	29.00	25.00			1638A
Analysis <sup>c</sup>	26.47	5.97	22.27	33.67	6.48	5.14	6M
Analysis	28.41	5.82	22.58	30.60	7.90	4.69	42M
Analysis <sup>c</sup>	26.99	5.47	23.25	30.87	8.12	5.30	92M
Analysis <sup>c</sup>	27.34	6.27	24.21	31.23	6.04	4.91	1T
Analysis	30.52	5.58	20.52	32.87	5.52	4.99	C
<b>Fairmont Creamery Company, The,</b> Omaha, Nebraska, and Branches.							
Fairmont's Far-Mor Brand Laying Mash	18.00	4.00	8.00	48.50			1723D
Analysis	18.90	3.94	7.04	51.04	10.68	8.40	35M
Analysis	18.75	4.48	7.04	50.51	10.47	8.75	220M
Analysis	19.06	4.04	8.50	50.23	10.01	8.16	298M
Analysis	18.10	4.59	7.81	49.66	11.43	8.41	48W
Fairmont's Gold Nugget Brand Growing Mash	16.50	4.00	8.00	51.00			1723E
Analysis	17.60	4.65	6.86	53.33	9.55	8.01	36M
Analysis	17.00	4.70	7.29	54.90	8.87	7.24	457M
Fairmont's Gold Nugget Brand Chick Starter Mash	17.50	4.00	8.00	50.00			1723F
Analysis	18.06	4.49	6.59	52.27	10.68	7.91	221M
Analysis	18.59	4.56	7.68	52.40	9.21	7.56	297M
Analysis	18.50	4.24	5.61	56.03	8.60	7.02	147W
Fairmont's Gold Nugget Brand Laying Mash with Buttermilk	19.00	4.00	8.00	48.00			1723H
Analysis <sup>c</sup>	19.68	5.01	7.09	49.45	10.32	8.45	117M
Analysis	18.91	4.74	7.37	51.49	10.01	7.48	458M
Analysis <sup>j</sup>	19.55	4.14	5.95	52.66	9.91	7.79	240W
<b>Fant Milling Company,</b> Sherman, Texas.							
Gladiola Wheat Bran and Screenings	14.50	3.50	10.00	53.00			1710H
Analysis	17.51	3.87	9.05	53.78	10.39	5.40	33W
Fant's Laying Mash	19.00	3.60	7.00	49.00			1710L
Analysis <sup>207</sup>	17.95	4.74	7.08	53.05	9.83	7.35	420J
Analysis	18.54	4.65	6.81	51.87	10.61	7.52	480S
Analysis <sup>208</sup>	18.87	4.07	5.77	51.04	10.17	10.08	46T
Analysis <sup>207</sup>	19.01	4.58	6.43	50.90	10.79	8.29	38W
Analysis	18.47	4.63	6.99	52.87	9.47	7.57	205W
Fant's Growing Mash	16.00	3.50	7.00	50.50			1710Q
Analysis	16.59	3.60	6.53	56.01	10.00	7.27	481S
Fant's 18% Protein Dairy Feed	18.00	3.70	8.00	48.00			1710R
Analysis <sup>k-209</sup>	20.08	3.61	5.48	54.61	9.14	7.08	206W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>206</sup>Linseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>207</sup>Fish meal claimed, not found.<sup>208</sup>Corn gluten feed found, not claimed.<sup>209</sup>Cottonseed meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Fant Milling Co. (Continued),</b> Sherman, Texas.							
Gladiola Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00			1710A7
Analysis.....	16.23	3.50	5.57	59.48	11.80	3.42	415J
Analysis <sup>270</sup> .....	15.68	3.81	6.45	58.63	11.40	4.03	480J
Analysis.....	16.53	3.63	5.30	58.21	12.54	3.79	51T
Analysis.....	17.36	3.53	5.43	56.99	12.67	4.02	71T
Analysis <sup>270</sup> .....	15.64	3.61	7.68	57.22	11.37	4.48	126T
Analysis.....	15.85	3.62	4.75	60.35	12.00	3.43	155T
Analysis.....	17.45	3.66	4.29	58.91	12.63	3.06	163T
Analysis.....	14.94	3.52	5.57	59.33	12.66	3.98	32W
Analysis.....	16.69	3.74	5.39	59.57	10.91	3.70	207W
<b>Farley, Pascal,</b> Whitewright, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00			896C
Analysis.....	7.22	2.46	12.09	63.16	12.94	2.13	185J
Analysis.....	9.05	2.97	8.83	65.60	11.89	1.66	269J
<b>Farmers Co-Operative Association,</b> Shiner, Texas.							
Prosperity Brand Egg Mash.....	20.50	3.50	7.40	44.60			856C
Analysis.....	21.35	5.38	5.40	47.36	10.47	10.04	127H
Analysis.....	20.78	5.10	7.18	46.35	10.26	10.33	12W
Prosperity Brand Growing Mash.....	16.50	3.60	8.00	50.00			856D
Analysis.....	18.21	4.50	7.54	52.67	10.56	6.52	126H
Analysis.....	17.47	3.97	7.71	54.86	9.83	6.16	398H
Prosperity Brand Starting Mash.....	17.00	3.50	6.00	52.00			856E
Analysis <sup>271</sup> .....	17.40	4.35	5.00	57.08	9.91	6.26	397H
Shiner Community Laying Mash.....	19.50	3.70	7.00	48.00			856F
Analysis.....	20.84	4.75	5.84	50.48	10.70	7.39	125H
<b>Farmers Cooperative, Inc.,</b> Victoria, Texas.							
Our-Own Brand Laying Mash, Formula No. 4.....	20.50	3.50	7.40	44.60			918B
Analysis <sup>271</sup> .....	21.56	4.23	5.76	45.75	9.93	12.77	64H
Our-Own Brand Laying Mash, Formula No. 9.....	19.00	4.00	8.00	46.50			918N
Analysis <sup>272</sup> .....	21.13	5.14	6.55	48.10	10.62	8.46	3A
Our-Own Brand Growing Mash, Formula B.....	15.80	3.50	7.00	51.50			918Q
Analysis.....	17.75	4.03	5.24	55.13	11.10	6.75	65H
<b>Farmers Cooperative Oil Mill,</b> El Paso, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00			570A
Analysis <sup>c</sup> .....	41.80	6.59	9.90	29.40	6.17	6.14	219S
Analysis.....	44.57	6.90	9.59	27.67	5.09	6.18	455S
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00			570I
Analysis <sup>c</sup> .....	41.03	6.65	9.89	28.47	8.00	5.96	A
<b>Farmers Cooperative Store,</b> Lipan, Texas.							
Farmer's Egg Mash.....	19.00	3.50	8.00	46.00			1654A
Analysis <sup>271</sup> .....	20.04	4.32	6.96	51.55	11.12	6.01	255T
<b>Farmers Cotton Oil Company,</b> Farmersville, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			501D
Analysis <sup>b,c</sup> .....	40.53	8.79	10.26	27.23	7.48	5.71	23T
Analysis <sup>c</sup> .....	41.30	9.01	10.61	26.22	7.15	5.71	105T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>270</sup>Wheat brown shorts and screenings.<sup>271</sup>Ground whole barley found, not claimed. Excess of oyster shell and salt found.<sup>272</sup>Sardine meal claimed, not found.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Farmers Cotton Oil Company,</b> Texarkana, Texas.							
41% Protein Soybean Oil Meal.....	41.00	6.00	6.00	28.00			1144D
Analysis <sup>a</sup> .....	47.38	5.46	5.90	28.40	6.66	6.20	151J
Analysis.....	44.50	5.43	5.69	28.69	8.68	7.01	200J
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00			1144J
Analysis.....	41.09	6.57	10.99	27.51	7.36	6.48	150J
<b>Farmers Cotton Oil Company,</b> Winnsboro, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			1795B
Analysis <sup>a</sup> .....	42.48	5.49	9.83	28.34	7.18	6.68	59J
Analysis.....	44.68	5.90	7.57	26.38	9.01	6.46	226J
Analysis <sup>a</sup> .....	42.06	5.55	10.97	27.36	7.72	6.34	350J
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00			1795C
Analysis.....	44.84	8.00	10.90	23.41	7.84	5.01	231J
Analysis <sup>a</sup> .....	41.04	8.70	14.51	22.40	9.05	4.30	450J
41% Protein Soybean Oil Meal.....	41.00	5.00	7.00	29.00			1795D
Analysis <sup>a</sup> .....	44.30	5.92	6.04	27.92	9.83	5.99	325J
<b>Farmers Cottonseed Oil Mills, Inc.,</b> Granger, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			33B
Analysis.....	44.07	6.29	9.92	26.82	7.19	5.71	13W
Analysis.....	43.77	6.74	11.89	25.83	6.15	5.62	106W
<b>Farmers Elevator Company,</b> White Deer, Texas.							
Ground Whole Barley.....	11.00	1.50	6.00	65.00			1340D
Analysis.....	13.67	2.12	4.54	66.54	10.38	2.75	44K
<b>Farmers Elevator and Storage Company,</b> Hamilton, Texas.							
Alfalfa Meal.....	13.00	1.50	33.00	35.00			293L
Analysis.....	14.75	1.13	36.02	31.88	7.69	8.53	69W
<b>Farmers Grain Store,</b> Abilene, Texas.							
Bryant's All-Mash Laying Ration.....	15.00	3.50	6.00	56.00			1861C
Analysis.....	18.20	3.71	3.43	56.23	11.25	7.18	5S
<b>Farmers Milling Company,</b> Graham, Texas.							
F. M. C. Mix Cow Feed.....	19.50	3.50	10.00	48.50			2644F
Analysis.....	19.70	4.15	9.43	51.43	10.73	4.56	5T
F. M. C. Egg Mash.....	18.00	3.60	6.50	51.00			2644G
Analysis.....	17.72	4.16	5.60	54.28	10.55	7.69	6T
<b>Farmersville Grain Company,</b> Farmersville, Texas.							
Saf-Tee Brand Egg Mash.....	18.00	3.50	8.00	51.60			575A
Analysis <sup>1</sup> .....	18.80	3.35	5.77	56.71	9.63	5.74	507J
Saf-Tee Brand 36% Protein Supplement for Hogs.....	36.00	4.50	8.00	26.00			575G
Analysis <sup>274</sup> .....	36.12	6.02	8.87	27.99	8.41	12.79	483J
Analysis.....	34.91	5.72	7.73	28.09	9.35	14.20	56T
Saf-Tee Brand (S-F) Pig-N-Sow Feed.....	18.00	3.00	7.40	53.00			575M
Analysis.....	18.60	2.52	4.98	60.25	7.69	5.96	524J
Double O Brand Pork-Producer Feed.....	15.00	4.50	8.50	53.00			575N
Analysis <sup>275</sup> .....	14.20	2.78	4.95	61.80	11.34	4.93	475J
Analysis.....	16.93	6.53	6.50	51.96	9.30	8.78	144T
Saf-Tee Brand Chick Starter Mash.....	19.00	3.50	8.00	50.00			575Q
Analysis.....	19.10	3.75	5.76	55.84	9.65	5.90	506J
Saf-Tee Brand Gro-Mash.....	18.00	3.50	8.00	49.00			575A1
Analysis.....	18.90	4.43	7.10	53.26	9.49	6.82	423J
Saf-Tee Brand 16% Protein Dairy Feed.....	16.00	3.00	14.30	48.00			575A2
Analysis <sup>a</sup> .....	15.04	2.67	9.77	54.46	11.00	7.06	482J

<sup>a</sup> a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.<sup>273</sup> Cottonseed meal present.<sup>274</sup> Cottonseed meal claimed, not found. Peanut meal found, not claimed.<sup>275</sup> Cottonseed meal and rice bran claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Farris Feed Company, Buck, Dallas, Texas.</b>							
Dairy Ration	15.00	3.00	15.40	48.00			853F
Analysis <sup>276</sup>	15.53	3.21	17.07	47.78	9.69	6.72	238T
<b>Feed Box, The, Dallas, Texas.</b>							
Old Timer Brand 18% Protein Dairy Feed	18.00	3.50	10.50	48.50			1468A
Analysis	18.50	4.19	9.47	53.11	9.31	5.42	326T
Producer Brand Egg Mash	19.00	4.00	7.90	47.30			1468E
Analysis	21.25	3.67	4.20	54.16	9.65	7.07	222T
<b>Feed Depot, The, El Paso, Texas.</b>							
Economy Brand Laying Mash	18.00	3.70	7.50	47.00			1161A
Analysis	19.27	6.29	7.50	49.00	8.69	9.25	145S
C B Brand Laying Mash	19.00	3.80	7.00	48.00			1161F
Analysis <sup>j</sup>	19.83	5.86	4.97	51.26	9.18	8.90	40S
C B Brand Dairy Feed	15.00	3.00	8.50	56.00			1161H
Analysis	17.32	4.32	7.95	55.14	9.81	5.46	286S
<b>Feeders Supply Company, Waco, Texas.</b>							
Eagle Brand Cow Feed	19.00	3.50	13.50	41.00			52L
Analysis <sup>277</sup>	19.90	3.32	11.02	46.19	10.43	9.14	69W
Analysis <sup>j</sup>	17.24	3.73	7.91	54.18	9.34	7.60	98W
<b>Felts Feed Store, R. S., Lueders, Texas.</b>							
Red's Special Egg Mash	19.00	3.50	7.80	48.00			1970D
Analysis	20.69	4.50	6.61	51.77	8.83	7.60	539S
<b>Fertsch Produce Store, Hallettsville, Texas.</b>							
Fertsch's Ideal Brand Laying Mash	18.50	3.50	7.00	48.00			884C
Analysis	20.19	5.05	6.82	48.64	10.06	9.24	119M
Fertsch's Lay-or-Bust Brand Laying Mash	18.00	3.50	6.00	51.00			884F
Analysis	17.39	5.00	5.84	52.03	10.56	9.18	120M
Analysis	19.44	4.58	5.78	53.02	10.36	6.82	303M
Fertsch's Top-Quality Brand 20% Protein Laying Mash	20.00	3.50	6.00	47.00			884G
Analysis	19.71	4.54	6.14	49.67	10.14	9.80	118M
Fertsch's Top-Quality Brand 18% Protein Chick Starter	18.00	3.50	6.00	48.00			884I
Analysis	19.98	4.52	5.64	50.23	10.73	8.90	121M
Fertsch's Top-Quality Brand All-Mash Growing Mash	18.00	3.60	6.00	50.00			884K
Analysis	19.43	4.35	5.79	53.20	10.89	6.34	302M
<b>Fidelity Products Mill, Houston, Texas.</b>							
28% Protein Whole-Pressed Cottonseed	28.00	6.00	23.00	29.00			675C
Analysis <sup>c</sup>	26.10	4.20	23.73	32.56	8.58	4.83	200M
Fidelity 41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00			675G
Analysis	43.65	5.88	5.45	29.58	9.20	6.24	300H
Analysis	44.42	5.84	5.63	29.50	8.71	5.90	191M
Analysis	44.74	5.67	5.56	28.88	9.12	5.93	244M
Analysis	45.21	6.67	5.39	28.32	7.81	6.60	296M
Analysis <sup>a278</sup>	44.05	5.83	6.15	28.79	8.95	6.23	474M
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			675L
Analysis	42.72	6.95	9.15	27.64	7.39	6.15	45M
Analysis <sup>c</sup>	39.53	6.55	12.22	27.51	7.90	6.29	99M
Analysis <sup>c</sup>	39.96	7.64	10.18	28.19	7.56	6.47	192M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>276</sup>Deficient in soybean oil meal.<sup>277</sup>Peanut meal, ground peanut hay, and kafir meal found, not claimed.<sup>278</sup>Used by dealer in the manufacture of feed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer, Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Firestone Feed &amp; Poultry,</b> Lamesa, Texas.							
Growmore Brand Growing Mash	17.00	3.50	5.00	53.00			
Analysis	17.90	4.11	3.71	59.46	9.02	5.80	836B 518K
<b>Flatonia Oil Mill Company,</b> Flatonia, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			
Analysis <sup>b</sup>	42.14	6.00	10.91	26.66	8.54	5.75	117F 124H
<b>Flieller, E. A.,</b> Floresville, Texas.							
Pennant Brand Laying Mash	20.00	3.60	6.00	47.00			
Analysis <sup>279</sup>	21.31	3.63	5.36	47.38	10.46	11.86	1296E 5H
Analysis	20.08	4.77	6.93	50.29	9.50	8.43	283H
<b>Flores &amp; Bro., A.,</b> Laredo, Texas.							
35% Protein Rapeseed Oil Cake	35.00	1.50	12.00	30.00			
Analysis	33.53	3.02	15.62	29.23	7.16	11.44	1956A 1956A
<b>Floyd, W. B.,</b> Gilmer, Texas.							
Floyd's Brand Growing Mash	17.00	3.50	6.50	50.00			
Analysis <sup>k</sup>	18.78	4.23	5.43	52.77	10.34	8.45	2019C 294J
Floyd's Brand Laying Mash with Tobacco	18.50	3.50	7.50	45.00			
Analysis <sup>a</sup>	20.27	4.80	6.80	46.60	10.33	11.20	2019I 145J
Floyd's Chick Starter	17.50	3.60	5.50	52.00			
Analysis	17.92	4.01	4.52	54.89	10.59	8.07	2019J 246J
<b>Fort Worth Cotton Oil Mill,</b> Fort Worth, Texas.							
43% Protein Peanut Meal	43.00	6.00	12.00	23.00			
Analysis	45.51	7.98	12.09	22.13	6.43	5.86	516B 25T
Analysis <sup>c</sup>	42.14	7.10	12.55	22.25	7.05	8.91	269T 350T
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	6.54	6.30	
Analysis <sup>c</sup>	42.23	6.74	10.25	27.55	7.19	6.04	516H 89T
Analysis	43.62	7.04	11.29	25.88	6.38	5.79	156T 169T
Analysis	44.05	7.08	11.02	24.73	7.32	5.80	516L 169T
Cotton Bloom Brand Growing Mash	18.50	4.00	5.50	53.00			
Analysis	19.12	4.50	4.77	54.46	10.36	6.79	263T
<b>Fort Worth Poultry &amp; Egg Company,</b> Fort Worth, Texas.							
Dried Buttermilk (Feeding)	34.00	5.00	1.00	35.00			
Analysis	35.32	7.73	.23	34.31	8.20	14.21	195A 282K
<b>Fraser Milling Company,</b> Hereford, Texas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			
Analysis	15.69	3.34	4.35	61.40	11.75	3.47	224A 101K
Analysis	14.50	2.38	4.09	65.43	11.13	2.47	301K 224C
Wheat Mixed Feed and Screenings	16.00	3.50	8.50	52.00			
Analysis	16.64	3.78	6.53	56.90	11.73	4.42	143K 224E
Sunny Boy Chick Starter Mash	17.00	4.00	6.00	51.00			
Analysis	19.01	4.00	5.53	56.26	9.25	5.95	537K 224I
Sunny Boy 18% Protein Egg Mash	18.00	3.50	8.00	53.00			
Analysis <sup>280</sup>	18.90	3.67	6.03	56.31	8.67	6.42	541K 224W
Sunny Boy Hog Feed	15.00	3.70	7.50	55.00			
Analysis	14.86	2.91	6.35	58.48	10.00	7.40	365K
Sunny Boy 40% Protein Supplement for Pigs-N-Hogs	40.00	4.00	10.00	18.00			
Analysis	34.41	4.96	10.61	26.26	6.79	16.97	224X 302K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>279</sup>Excess of salt found.<sup>280</sup>Deficient in ground limestone.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Fraser Milling Company (Continued), Hereford, Texas.</b>							
Sunny Boy 17.50% Protein Cattle Feed Cubes	17.50	2.50	12.00	45.00			224A2
Analysis	18.15	2.91	7.53	54.83	9.87	6.71	150K
Sunny Boy 20% Protein Cattle Feed Cubes	20.00	3.00	11.00	47.00			224C1
Analysis	18.76	3.23	8.16	54.46	10.11	5.28	224K
Sunny Boy Pullet Developer	17.50	3.00	6.50	51.50			224C4
Analysis	18.15	3.89	6.15	54.75	9.23	7.83	577K
Sunny Boy Growing Mash Pellets	17.50	3.50	6.50	52.00			224C7
Analysis <sup>261</sup>	20.68	4.17	6.10	51.23	9.81	8.01	96K
<b>Friedrich Grain Company, Bartlett, Texas.</b>							
Farmers Pride Growing Mash	16.00	3.50	7.50	49.00			1029C
Analysis	19.11	3.33	4.96	55.29	11.36	5.95	14W
<b>Frist, Frank P., El Paso, Texas.</b>							
Ascarate Laying Mash	19.00	3.60	7.00	46.00			432F
Analysis	21.09	4.84	6.91	49.70	8.59	8.87	353S
<b>Gainesville Oil Mill, Gainesville, Texas.</b>							
Cottonseed Meal and Peanut Meal—Pelleted	43.00	6.00	12.00	23.00			1425Q
Analysis <sup>k</sup>	43.82	7.41	10.06	24.36	8.73	5.62	86T
<b>General Feed Store, Wichita Falls, Texas.</b>							
24% Protein Cow Feed	24.00	3.50	15.00	38.50			2150D
Analysis	22.75	3.90	14.68	42.83	9.60	6.24	119T
<b>General Mills, Inc., Minneapolis, Minnesota, and Divisions.</b>							
Wheat Gray Shorts and Screenings	17.00	3.50	6.00	55.00			1747F
Analysis <sup>b,c,282</sup>	17.10	4.17	6.46	55.77	11.77	4.73	1K
Analysis <sup>e</sup>	17.43	3.80	4.96	59.14	10.84	3.83	69S
Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00			1747F
Analysis <sup>a</sup>	16.88	4.02	6.05	57.67	11.13	4.25	49J
Analysis <sup>f</sup>	16.88	3.77	5.16	59.19	11.11	3.89	86K
Analysis	17.72	3.98	5.99	56.57	11.25	4.49	103K
Analysis	16.60	3.76	5.84	57.63	11.91	4.26	112K
Analysis <sup>282</sup>	17.46	4.19	6.96	57.71	9.26	4.42	411K
Analysis	16.22	3.23	5.75	58.85	12.10	3.85	233M
Analysis <sup>c,282</sup>	16.56	3.88	6.32	58.09	10.77	4.38	38T
Wheat Bran and Screenings	14.50	3.00	10.00	50.00			1747J
Analysis	17.54	4.41	8.28	53.81	10.45	5.51	475M
Utility Brand Egg Mash	18.00	3.50	8.00	46.00			1747L
Analysis <sup>e</sup>	19.94	3.59	7.84	51.01	9.65	7.97	251H
Utility Brand Egg Mash	18.00	3.00	8.50	46.00			1747L
Analysis	19.33	3.10	5.65	56.15	8.75	7.02	343H
Analysis <sup>283</sup>	19.00	2.52	5.84	56.91	9.12	6.61	389H
Larro Brand 18% Protein Broiler Feed	18.00	3.50	7.00	47.50			1747T
Analysis	19.59	3.96	5.44	55.25	8.52	7.24	532S
Wheat Mixed Feed and Screenings	15.00	3.50	8.50	54.00			1747A2
Analysis	17.07	4.17	7.97	55.46	9.91	5.42	258K
Eventually Gold Medal Brand Turkey Finisher Pellets	27.00	4.50	7.50	35.00			1747B2
Analysis	29.31	4.49	6.61	38.16	8.62	12.81	75S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>281</sup>Fish meal claimed, not found. Corn gluten feed found, not claimed. Deficient in ground limestone.<sup>282</sup>Wheat brown shorts and screenings.<sup>283</sup>Fish meal claimed, not found.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>General Mills, Inc. (Continued), Minneapolis, Minnesota, and Divisions.</b>							
Larro Brand Chick Builder .....	19.00	3.50	7.00	46.00			1747B4
Analysis .....	22.29	4.10	5.95	48.82	10.21	8.63	342H
Eventually Gold Medal Brand Dairy Feed .....	20.00	3.70	12.00	45.00			1747C2
Analysis .....	22.16	3.22	9.53	50.10	8.52	6.47	250H
Larro Brand 32% Protein Dairy Concentrate .....	32.00	4.00	11.00	32.00			1747C6
Analysis <sup>284</sup> .....	34.39	3.95	9.50	35.67	8.68	7.81	308T
Red Star Wheat Bran and Screenings .....	14.50	3.00	10.00	50.00			1747F1
Analysis .....	16.81	4.11	11.15	49.98	10.62	7.33	422M
Red Star Wheat Gray Shorts and Screenings .....	17.00	3.50	6.00	55.00			1747F3
Analysis .....	18.84	4.47	6.26	56.38	9.49	4.56	215T
Eventually Gold Medal Brand Turkey Breeder Mash Pellets .....	20.00	4.00	8.00	45.00			1747F7
Analysis .....	21.94	4.17	6.35	50.32	8.46	8.76	319S
Ground Wheat .....	12.00	2.00	3.00	70.00			1747G7
Analysis <sup>a</sup> .....	15.36	2.01	2.96	65.44	10.87	3.36	489S
Eventually Gold Medal Brand Special 18% Protein Cattle Fattener .....	18.00	3.00	9.00	45.00			1747H2
Analysis .....	18.75	4.00	8.53	51.75	8.64	8.33	185T
<b>Georgetown Grain Company, Georgetown, Texas.</b>							
Milk-A-Plenty Brand 18% Protein Dairy Feed .....	18.00	3.50	10.00	50.00			2049K
Analysis <sup>285</sup> .....	17.82	3.50	9.15	54.44	10.59	4.50	150W
<b>Georgetown Oil Mill, Georgetown, Texas.</b>							
28% Protein Whole-Pressed Cottonseed .....	28.00	5.00	23.00	29.00			116D
Analysis .....	28.06	16.10	22.91	23.30	5.52	4.11	243H
All-Purpose Brand Stock Ration .....	18.00	3.50	11.60	37.00			116B4
Analysis <sup>284</sup> .....	18.09	5.26	8.38	52.28	10.98	5.01	63W
Analysis <sup>286</sup> .....	17.60	4.25	8.64	55.26	9.69	4.56	148W
General Purpose Brand Livestock Feed .....	20.50	3.50	5.50	51.50			116B7
Analysis <sup>k</sup> .....	20.80	3.03	4.47	54.40	11.70	5.60	476H
Analysis <sup>k</sup> .....	20.65	3.27	4.86	56.01	9.85	5.36	246W
<b>Gerald Company, The, Hamilton, Texas.</b>							
Gerald's Mid-Tex Egg Mash .....	19.50	3.50	6.50	45.00			776E
Analysis .....	20.11	4.29	5.36	53.11	9.01	8.12	68W
<b>Gerdas Gins, V. B., Hallettsville, Texas.</b>							
Ear Corn Chop with Husk .....	8.00	3.00	10.00	65.00			1437B
Analysis .....	6.87	2.75	12.22	65.50	11.52	1.14	122M
<b>Gilbreath Produce Company, M., Weimar, Texas.</b>							
MG Best Brand Growing Mash .....	16.50	3.50	6.50	52.50			1288B
Analysis .....	17.20	4.27	4.26	57.21	10.32	6.74	308M
MG Best Brand Laying Mash .....	18.50	3.50	7.00	50.50			1288C
Analysis .....	21.15	3.73	5.53	54.17	8.59	6.83	464M

*a, b, c, d, e, f, g, h, i, j, k*—See legend at the beginning of this table.<sup>284</sup>Deficient in ground limestone.<sup>285</sup>Cottonseed meal and peanut meal claimed, not found. Soybean oil meal found, not claimed.<sup>286</sup>Deficient in ground limestone and salt.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Gilbreath Produce Company, M.,</b> (Continued), Weimar, Texas.							
MG Best Brand 21% Protein Dairy Feed	21.00	3.60	10.80	43.50			1288D
Analysis <sup>287</sup>	20.90	4.24	10.77	47.27	9.03	7.79	310M
MG Best Brand Hog Feed	14.00	3.30	4.80	59.00			1288E
Analysis <sup>288</sup>	17.41	4.30	5.55	58.42	11.14	3.18	309M
<b>Gilmer Cotton Oil &amp; Fertilizer Company,</b> Gilmer, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1559D
Analysis <sup>c</sup>	40.51	7.33	10.34	26.96	9.11	5.75	90J
Analysis <sup>e</sup>	41.29	6.50	9.79	27.23	9.10	6.09	134J
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			1559E
Analysis	41.09	5.32	10.49	30.17	7.11	5.82	195J
Analysis	42.30	5.74	10.68	27.71	7.18	6.39	293J
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00			1559H
Analysis	42.77	5.74	10.48	27.12	7.48	6.41	348J
41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00			1559M
Analysis	45.18	5.77	5.13	29.72	7.87	6.33	405J
Analysis	44.24	5.50	5.83	29.92	8.00	6.51	449J
<b>Globe Mills, Inc.,</b> (Flour and Grain Department), El Paso, Texas.							
Fico Laying Mash	18.00	3.50	7.00	48.50			1123A
Analysis	20.11	3.89	5.16	52.27	10.04	8.53	90S
Globe Dairy Feed	17.00	3.30	9.00	47.50			1123Q
Analysis <sup>289</sup>	20.34	3.55	5.52	53.34	9.26	7.99	91S
Peerless Brand Laying Mash	18.00	3.50	7.00	49.00			1123T
Analysis	19.00	4.22	5.23	53.11	10.66	7.78	32S
Analysis	19.10	4.38	6.11	54.37	8.29	7.75	505S
Peerless Brand Growing Mash	17.00	3.50	6.50	50.00			1123W
Analysis	18.80	4.32	5.14	54.30	10.27	7.17	283S
Analysis	19.00	4.42	5.76	54.11	9.01	7.70	342S
Peerless Brand Dairy Feed	15.00	3.00	8.00	49.00			1123Z
Analysis <sup>290</sup>	17.45	3.91	6.50	54.97	9.59	7.58	339S
Globe Broiler Mash	20.00	3.60	5.60	48.00			1123A6
Analysis	20.95	5.09	5.15	50.53	8.59	9.69	341S
Globe Growing Mash	16.00	3.50	7.00	51.00			1123A7
Analysis	20.00	4.12	5.86	52.77	9.49	7.76	282S
Globe Laying Mash	18.50	3.50	6.50	47.50			1123A8
Analysis	20.31	4.57	4.94	50.22	10.30	9.66	217S
Globe Starting Mash	17.00	3.60	6.50	50.00			1123A9
Analysis	19.82	4.64	4.94	52.21	10.04	8.35	218S
Globe 40% Protein Supplement for Hogs	40.00	4.50	7.50	17.00			1123C2
Analysis <sup>291</sup>	40.20	6.16	6.19	20.78	5.15	21.52	448S
Green Valley Dairy Feed	15.00	3.00	9.00	55.00			1123C5
Analysis	18.15	3.80	7.35	56.99	7.93	5.78	504S
<b>Goerz Flour Mills Company, The,</b> Newton, Kansas.							
American Ace Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00			939D
Analysis <sup>a</sup>	17.00	3.93	4.84	60.02	10.43	3.78	60K
<b>Golden Oak Milling Company,</b> De Leon, Texas.							
Golden Oak Cow Feed	17.50	3.70	15.00	45.00			25F
Analysis	16.09	2.60	10.11	55.47	8.68	7.05	263W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>287</sup>Peanut hulls claimed, not found. Corn gluten feed and rice hulls found, not claimed. Deficient in oyster shell.<sup>288</sup>Sardine meal claimed, not found. Linseed meal and soybean oil meal found, not claimed.<sup>289</sup>Fish meal claimed, not found. Shrimp meal found, not claimed.<sup>290</sup>Deficient in ground limestone.<sup>291</sup>Fish meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Golden Oak Milling Co. (Continued), De Leon, Texas.</b>							
Ground Peanut Hay.....	10.00	3.50	24.00	44.00			25G
Analysis.....	11.10	5.38	23.74	<b>40.43</b>	9.92	9.43	122T
Golden Oak Mixed Feed.....	15.50	3.10	26.00	37.80			25J
Analysis <sup>a202</sup> .....	14.20	3.16	19.12	42.53	8.53	12.46	304S
Analysis.....	15.40	3.11	21.29	42.60	10.08	7.52	51T
Analysis <sup>a203</sup> .....	15.80	3.30	22.37	41.32	8.20	9.01	237T
Analysis.....	15.25	3.55	19.62	40.74	9.54	11.30	60W
Golden Oak Hog Feed.....	15.50	3.40	7.00	34.00			25M
Analysis <sup>a</sup> .....	18.84	3.68	4.80	55.49	10.07	7.12	261S
Caraway's Special Egg Mash.....	19.00	3.70	8.00	47.00			25P
Analysis.....	20.96	4.18	6.60	50.23	9.78	8.25	99T
Analysis.....	19.18	3.67	5.00	54.19	11.14	6.82	61W
Analysis.....	16.63	2.47	5.06	60.31	8.61	6.92	253W
Golden Oak 9% Protein Sweet Feed.....	9.00	2.00	25.00	41.50			25A3
Analysis.....	10.40	1.95	20.87	44.77	12.14	9.87	98T
<b>Gonzales Cotton Oil &amp; Manufacturing Company, Gonzales, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			388F
Analysis <sup>a</sup> .....	41.34	7.43	11.11	27.01	7.55	5.56	8A
Analysis.....	42.28	7.90	9.68	26.71	7.71	5.72	73H
Analysis.....	43.73	6.93	8.59	27.25	7.70	5.80	40M
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00			388G
Analysis.....	44.56	6.24	10.59	24.86	7.90	5.85	50H
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00			388J
Analysis.....	43.78	8.57	15.18	20.43	7.30	4.74	207H
Analysis.....	42.18	8.29	16.85	20.35	6.87	5.46	263H
Analysis.....	44.95	7.68	14.55	21.45	7.29	4.08	350H
<b>Gonzalez, A. C., El Paso, Texas.</b>							
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00			1044E
Analysis <sup>a c204</sup> .....	18.60	4.57	7.68	53.03	10.88	5.24	34S
Analysis <sup>b c205</sup> .....	17.05	4.86	8.82	56.69	8.40	4.18	404S
<b>Goodpasture Grain Company, Grady, Brownfield, Texas.</b>							
Goodpasture Laying Mash.....	20.00	3.50	6.00	46.00			779J
Analysis <sup>a206</sup> .....	20.68	4.44	5.92	50.97	9.54	8.45	98K
Goodpasture 16% Protein Dairy Feed.....	16.00	3.00	12.80	49.50			779Y
Analysis.....	16.10	3.08	12.08	51.58	9.38	7.78	400K
Wheat Chop.....	12.00	2.00	3.00	70.00			779A1
Analysis <sup>a</sup> .....	13.70	1.64	3.28	67.33	10.89	3.16	545S
Goodpasture Milk-Producer Brand 16% Protein Dairy Feed.....	16.00	3.50	13.70	49.40			779A3
Analysis <sup>a</sup> .....	16.13	3.64	12.45	52.23	8.94	6.61	524K
<b>Gossett Feed and Produce, Taylor, Texas.</b>							
Chowmix All-Mash Laying Ration B.....	15.00	3.50	8.00	48.00			352N
Analysis.....	17.13	3.62	3.90	60.38	9.78	5.19	245W
Taylor-Made Brand 35% Protein Mash- Maker Concentrate.....	35.00	4.00	4.00	18.00			352X
Analysis.....	36.16	7.16	6.07	21.20	6.85	22.56	244W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>203</sup>Cottonseed meal claimed, not found.<sup>202</sup>Excess of ground limestone found.<sup>204</sup>Wheat brown shorts.<sup>205</sup>Wheat bran.<sup>206</sup>Fish meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Graham Mill &amp; Elevator Company, Graham, Texas.</b>							
Hominy Feed.....	10.00	6.00	7.00	60.00			664E
Analysis.....	11.82	7.72	7.03	59.06	11.47	2.90	116T
Supreme Brand Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00			664G
Analysis.....	17.51	4.30	5.83	56.48	11.55	4.33	40J
Analysis <sup>207</sup> .....	17.82	4.15	6.67	56.45	10.28	4.63	28T
Analysis.....	17.18	4.04	5.86	56.12	12.66	4.14	87T
Analysis <sup>207</sup> .....	17.33	4.11	6.64	54.69	12.16	5.07	195T
Supreme Brand Ground Whole Oats.....	11.00	4.00	12.00	58.00			664S
Analysis.....	11.73	4.73	9.76	60.17	9.98	3.63	97T
Supreme Brand 24% Protein Dairy Feed.....	24.00	3.70	11.50	41.00			664A3
Analysis.....	24.00	3.35	11.15	43.65	10.83	7.02	45J
Analysis.....	23.26	3.59	9.81	45.40	10.11	7.83	175M
Texas King Brand Dairy Feed.....	18.00	3.20	13.00	45.50			664A4
Analysis.....	21.34	3.96	9.90	45.48	10.52	8.80	176M
Texas King Brand 5 Egg Mash.....	19.00	3.50	7.50	46.00			664A6
Analysis <sup>205</sup> .....	19.97	3.36	5.58	53.94	10.06	7.09	65K
Supreme Brand 16% Protein Dairy Feed.....	16.00	3.00	15.00	49.50			664C7
Analysis.....	17.75	3.08	13.06	49.48	10.71	5.92	362M
Analysis <sup>209</sup> .....	18.23	3.34	8.68	54.01	10.37	5.37	214W
<b>Grapevine Milling Company, Grapevine, Texas.</b>							
Decoy Brand Sweet Feed.....	9.00	2.00	23.00	46.00			1662Z
Analysis <sup>200</sup> .....	9.90	1.93	28.04	36.29	10.98	12.86	73T
B & D Brand Laying Mash.....	18.00	3.50	7.00	48.00			1662B3
Analysis.....	20.38	3.92	5.38	54.21	10.40	5.71	278T
B & D Brand Five-Point Egg Mash.....	19.00	3.60	8.00	47.50			1662B7
Analysis.....	19.28	2.73	6.43	54.87	10.33	6.36	43T
5-Point 24% Protein Dairy Feed.....	24.00	3.50	14.00	38.00			1662C5
Analysis <sup>201</sup> .....	24.61	4.10	12.29	37.66	10.62	10.72	201J
B & D Brand 16% Protein Dairy Feed.....	16.00	3.00	11.00	48.00			1662C7
Analysis <sup>209</sup> .....	14.61	2.15	8.37	56.19	10.83	7.85	339T
Deacon Ranch Cubes.....	16.00	2.30	11.00	44.00			1662H9
Analysis.....	15.40	3.08	4.23	57.14	12.87	7.28	91T
<b>Gray's Feed Store, Cleburne, Texas.</b>							
Gray's Top-Quality Brand 18% Protein Dairy Feed.....	18.00	3.50	15.00	43.60			468G
Analysis.....	21.06	3.22	14.30	41.64	9.25	10.53	42W
Analysis.....	19.37	3.31	14.83	42.99	9.29	10.21	70W
<b>Great Atlantic &amp; Pacific Tea Co., The, New York, New York.</b>							
"Made-in-the-South" Talco Starting Mash.....	17.00	3.80	6.00	53.00			987F
Analysis <sup>202</sup> .....	19.53	4.21	5.32	52.12	11.02	7.80	112W
"Made-in-the-South" Talco Growing Mash.....	17.50	4.00	7.50	50.00			987G
Analysis <sup>202</sup> .....	20.45	4.19	4.99	53.85	10.06	6.46	76T
Analysis <sup>202</sup> .....	19.10	3.17	3.98	56.04	8.15	9.56	220W
Special Talco Laying Mash.....	19.00	3.50	7.50	46.00			987L
Analysis <sup>202</sup> .....	20.38	4.81	7.10	47.45	10.00	10.26	75T
Analysis <sup>203</sup> .....	19.81	4.97	5.47	49.67	9.48	10.60	173W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>207</sup>Wheat brown shorts and screenings.<sup>208</sup>Deficient in oyster shell. Excess of salt found.<sup>209</sup>Cottonseed meal claimed, not found.<sup>200</sup>Wheat bran claimed, not found. Rice hulls found, not claimed.<sup>201</sup>Peanut hulls found, not claimed.<sup>202</sup>Milo meal and kafir meal found, not claimed.<sup>203</sup>Excess of salt found.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Great West Grain &amp; Seed Company,</b> Fort Worth, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	.....	.....	1316A
Analysis <sup>204</sup>	6.99	2.64	13.72	64.85	9.40	2.40	214T
Ground Whole Oats	11.00	4.00	12.00	58.00	.....	.....	1316B
Analysis <sup>2</sup>	13.75	3.40	7.76	62.34	9.19	3.56	268T
Analysis <sup>3</sup>	12.00	3.02	7.36	63.88	9.99	3.75	294T
Analysis <sup>305</sup>	10.82	4.87	11.42	58.62	9.80	4.47	349T
Milo Head Chop	8.50	2.50	8.00	65.00	.....	.....	1316D
Analysis <sup>1</sup>	8.23	2.86	6.76	68.58	9.00	4.57	216T
Alfalfa Meal and Molasses	11.00	1.20	28.00	39.50	.....	.....	1316E
Analysis	16.12	1.77	21.76	40.50	10.01	9.84	222W
<b>Green Milling &amp; Grain Company, C. L.,</b> Winters, Texas.							
Silver Bell Dairy Feed	18.00	3.50	10.00	48.50	.....	.....	2331P
Analysis	19.68	3.70	8.17	54.15	9.10	5.20	61S
Analysis	20.22	4.35	7.35	53.66	7.79	6.65	256S
C. L. Green's Chick Starter	17.00	3.50	5.50	53.00	.....	.....	2331R
Analysis	17.48	3.44	4.02	58.32	10.09	6.65	377S
C. L. Green's Egg Mash	20.30	3.50	6.00	45.00	.....	.....	2331S
Analysis <sup>1</sup>	20.41	4.48	5.38	48.70	9.85	11.18	203S
Analysis	19.12	3.36	4.96	55.41	10.09	7.06	475S
C. L. Green's Growing Mash	17.00	3.50	6.00	52.50	.....	.....	2331T
Analysis	16.46	3.33	4.59	57.86	10.92	6.84	424S
<b>Greenville Cotton Oil Company,</b> Greenville, Texas.							
Red Rooster Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	.....	.....	260A
Analysis	42.65	5.85	9.08	28.18	8.28	5.96	11J
Analysis	43.11	5.53	10.20	28.29	6.99	5.88	180J
Analysis	43.04	5.52	10.73	27.59	7.31	5.81	214J
Analysis	43.67	5.91	10.93	25.84	7.64	6.01	282J
Analysis <sup>2</sup>	42.19	5.43	10.73	27.44	8.27	5.94	313J
Analysis	43.01	5.60	10.31	27.04	8.11	5.93	336J
Analysis	44.26	5.86	9.83	26.20	8.00	5.85	142T
Red Rooster Brand Cottonseed Hulls and Cottonseed Meal	11.80	1.70	38.00	36.00	.....	.....	260D
Analysis	9.87	1.50	34.55	43.56	7.31	3.21	122J
41% Protein Soybean Oil Meal	41.00	4.70	7.00	29.00	.....	.....	260G
Analysis	45.37	5.20	5.63	28.82	8.79	6.19	386J
<b>Griffin Hatchery,</b> Santa Anna, Texas.							
San-Tex Special Egg Mash	18.00	3.50	7.00	51.00	.....	.....	2163G
Analysis	19.46	3.77	4.51	53.00	11.00	8.26	257S
<b>Grimsell Seed Company, Frank,</b> Harlingen, Texas.							
Grimsell Egg Mash	19.00	3.60	7.00	46.00	.....	.....	2199B
Analysis	17.77	5.03	4.59	53.69	11.19	7.73	17H
<b>Gross Feed Store,</b> Bonham, Texas.							
Economy Brand Dairy Feed	18.50	3.80	12.00	48.00	.....	.....	1573F
Analysis	20.15	4.39	9.24	49.86	10.80	5.56	281J
<b>Guild &amp; Sons, Frank,</b> Tyler, Texas.							
Hog and Pig Feed	16.00	3.00	7.50	56.50	.....	.....	2353A
Analysis <sup>306</sup>	17.26	10.15	8.96	45.63	8.71	9.29	125J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>204</sup>Excess of corn cobs and husk.<sup>305</sup>Sudan grass seed present.<sup>306</sup>Ground whole barley claimed, not found. Rice bran and ground limestone found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Gulf Coast Rice Mills,</b> Houston, Texas.							
Rice Bran containing Limestone .....	11.00	10.00	15.00	42.00			2457B
Analysis .....	12.10	11.43	12.80	39.17	11.04	13.46	86M
<b>Gutierrez &amp; Company, Teodosio,</b> Laredo, Texas.							
Wheat Bran and Screenings .....	14.50	3.00	10.00	50.00			1331B
Analysis .....	15.86	3.82	8.46	55.66	9.92	6.28	246H
Wheat Brown Shorts and Screenings .....	17.00	4.50	7.50	53.00			1331F
Analysis .....	17.30	4.25	5.68	58.03	10.97	3.77	38H
44% Protein Sesame Oil Cake .....	44.00	10.00	5.20	20.50			1331G
Analysis .....	44.62	10.08	4.57	22.04	6.63	12.06	102H
28% Protein Whole-Pressed Cottonseed .....	28.00	6.00	23.00	29.00			1331H
Analysis .....	27.97	9.07	22.21	28.72	7.28	4.75	247H
<b>Gwynn-Render Grain Company,</b> Panhandle, Texas.							
Milo Chop .....	10.00	2.50	3.00	70.00			64D
Analysis .....	13.11	2.65	2.90	69.74	9.71	1.89	380K
<b>Hairgrove Hatchery,</b> Spur, Texas.							
Spur Maid Dairy Feed .....	15.80	3.00	11.80	50.50			2370E
Analysis .....	18.25	3.92	8.77	53.53	9.34	6.19	176K
<b>Hall-Munden Feed Company,</b> Fort Worth, Texas.							
Hall-Munden Victory Brand							
Pig-N-Hog Feed .....	17.00	3.50	7.50	49.00			644A
Analysis <sup>307</sup> .....	15.20	2.39	3.45	65.04	9.19	4.73	343T
Hall-Munden Victory Brand 18% Protein Dairy Feed .....	18.00	3.50	13.00	47.00			644K
Analysis <sup>308</sup> .....	18.34	4.23	7.89	50.81	8.91	9.82	134T
Hall-Munden Victory Brand Chick Starter .....	18.00	3.50	6.50	50.00			644M
Analysis .....	18.34	3.85	4.85	56.38	9.84	6.74	228T
<b>Halstead Feed Store,</b> Houston, Texas.							
J. A. H. Supreme Brand 23% Protein Dairy Feed .....	23.00	3.80	10.50	45.00			714A
Analysis .....	24.21	4.58	10.15	43.51	10.69	6.86	141M
<b>Hamilton Mill &amp; Elevator Company,</b> Hamilton, Texas.							
Hamco Growing Mash .....	18.00	4.00	7.50	48.00			62D
Analysis <sup>a</sup> .....	18.20	2.92	5.81	55.93	10.42	6.72	467H
Analysis <sup>a</sup> .....	17.51	3.17	5.97	56.61	10.43	6.31	195W
Ear Corn Chop with Husk .....	8.00	3.00	10.00	65.00			62T
Analysis <sup>a</sup> .....	7.92	3.00	10.49	66.91	10.22	1.46	20W
Hamco Laying Mash .....	20.00	4.00	7.00	47.00			62Y
Analysis .....	20.47	3.76	5.45	50.80	10.49	9.03	45W
Hamco Baby Chick Starter .....	20.00	4.00	7.00	45.00			62Z
Analysis .....	20.89	4.47	5.26	52.86	8.73	7.79	T
Hamco Economy Brand Egg Mash .....	19.00	3.60	8.00	44.50			62A2
Analysis <sup>309</sup> .....	17.63	2.98	6.92	55.92	9.58	6.97	250W
Circle "W" Starter Mash .....	17.50	3.50	6.20	52.50			62B8
Analysis .....	19.25	3.83	5.82	54.86	10.13	6.11	80W
Pulverized Wheat .....	12.00	2.00	3.00	70.00			62E2
Analysis <sup>a</sup> .....	16.01	1.64	2.64	65.75	11.61	2.35	59W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>307</sup>Deficient in ground limestone and salt.<sup>308</sup>Rice bran found, not claimed.<sup>309</sup>Excess of oyster shell found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Hamlin Hatchery,</b> Hamlin, Texas. H & H Chick Starter.....	17.00	3.50	5.50	50.00			71B
Analysis.....	20.08	4.85	4.04	52.07	9.91	9.05	273S
<b>Hardeman-King Company,</b> Amarillo, Texas.							
Merit Brand Growing Mash.....	18.00	3.50	8.00	51.00			847H
Analysis <sup>e</sup> .....	19.20	3.10	7.12	53.54	8.67	8.37	322K
Merit Brand Growing Mash.....	18.00	3.50	6.50	50.50			847H
Analysis <sup>a310</sup> .....	18.40	3.25	4.25	58.90	9.70	5.50	481K
Analysis.....	18.52	2.88	4.46	60.05	9.47	4.62	539K
Merit Brand Egg Mash.....	18.00	3.50	6.00	52.00			847J
Analysis <sup>e</sup> .....	18.82	4.45	5.04	55.52	8.13	8.04	62K
Analysis <sup>jb</sup> .....	18.79	3.31	5.44	55.64	9.66	7.16	418K
Analysis.....	18.39	3.93	5.11	56.08	8.40	8.09	432K
Merit Brand 16% Protein Dairy Feed.....	16.00	3.00	9.50	51.00			847V
Analysis <sup>k</sup> .....	16.10	2.73	6.24	55.29	11.08	8.56	32K
Merit Brand 36% Protein Supplement for Pigs and Hogs.....	36.00	4.00	10.00	27.00			847A6
Analysis <sup>da</sup> .....	37.14	5.09	7.81	32.34	7.20	10.42	314K
Analysis.....	38.83	5.79	9.12	26.60	7.71	11.95	490K
Merit Brand 35% Protein Poultry Mash Concentrate.....	35.00	4.50	7.80	20.50			847C2
Analysis <sup>311</sup> .....	36.45	5.52	6.93	23.56	7.95	19.59	49K
Merit Brand Milk-Maker Dairy Feed.....	21.00	3.20	10.00	46.30			847C4
Analysis.....	20.64	3.83	9.36	48.64	8.46	9.07	252K
Merit Brand All-Mash Starter.....	18.00	3.50	7.00	51.00			847C5
Analysis <sup>e</sup> .....	17.34	3.94	6.46	55.31	10.18	6.77	266K
Merit Brand All-Mash Starter.....	18.00	3.50	6.00	54.50			847C5
Analysis.....	18.19	3.87	5.84	54.24	12.24	5.62	513K
Merit Brand Turkey Starting Mash.....	24.00	4.00	5.00	43.00			847C7
Analysis <sup>1b</sup> .....	17.61	3.76	5.94	56.58	9.63	6.48	419K
Merit Brand Egg Mash Pellets.....	18.00	3.50	6.00	52.00			847D2
Analysis.....	18.15	3.35	5.08	54.92	10.62	7.88	139K
Square-Meal Brand Cow Feed.....	9.00	1.50	16.00	51.00			847D4
Analysis <sup>312</sup> .....	13.16	2.62	8.70	52.86	11.31	11.35	30K
Square-Meal Brand Egg Mash.....	18.00	3.50	8.00	48.50			847D6
Analysis.....	19.37	3.20	6.95	52.34	9.99	8.15	261K
Merit Brand Breeder Mash.....	17.00	3.50	6.50	52.00			847E2
Analysis.....	18.09	3.54	7.11	53.08	9.79	8.39	345K
Merit Brand Broiler Mash.....	18.00	3.50	6.00	54.50			847E3
Analysis.....	18.40	3.02	5.94	58.30	8.25	6.09	561K
Merit Brand 20% Protein Sweet Feed Pellets.....	20.00	3.50	5.50	51.00			847E9
Analysis.....	19.39	3.40	4.15	56.26	9.68	7.12	243K
<b>Harlingen Cotton Oil Mill,</b> Harlingen, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			772B
Analysis.....	42.58	7.29	9.78	27.26	7.02	6.07	20H
Analysis <sup>c</sup> .....	41.35	6.29	10.32	29.35	6.65	6.04	21H
Analysis <sup>c</sup> .....	41.30	8.18	10.32	26.14	7.95	6.11	96H
Analysis <sup>c</sup> .....	41.36	7.82	10.24	26.76	7.93	5.89	167H
Analysis <sup>c</sup> .....	42.45	7.42	9.52	27.67	6.88	6.06	170H
Analysis <sup>c</sup> .....	41.27	7.30	10.78	27.22	7.46	5.97	64W
Cotton Bloom Brand 18% Protein Mixed Feed.....	18.00	2.60	21.70	35.70			772H
Analysis <sup>313</sup> .....	17.03	3.69	23.73	40.93	8.34	6.28	19H
Cotton Bloom Brand Laying Mash.....	21.00	4.00	7.00	46.00			772K
Analysis.....	21.20	4.38	6.71	49.55	9.79	8.37	294H

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>310</sup>Deficient in oyster shell.<sup>311</sup>Cottonseed meal found, not claimed. Deficient in salt.<sup>312</sup>Cottonseed meal and oat hulls found, not claimed.<sup>313</sup>Deficient in oyster shell.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Harlingen Cotton Oil Mill (Continued),</b> Harlingen, Texas.							
Cotton Bloom Brand 44% Protein Supplement for Hogs.....	44.00	6.50	10.00	16.50	.....	.....	772L
Analysis <sup>814</sup> .....	42.76	7.20	10.61	18.39	7.24	13.80	295H
Cotton Bloom Brand 18% Protein Dairy Feed.....	18.00	3.00	9.50	46.70	.....	.....	772R
Analysis <sup>815</sup> .....	16.20	3.19	6.38	55.69	10.61	7.93	450H
Cotton Bloom Brand Hog Feed.....	14.50	3.00	6.50	55.00	.....	.....	772U
Analysis.....	16.63	3.55	5.31	56.23	11.76	6.52	165H
Cotton Bloom Brand Cow Feed.....	15.00	3.00	17.00	46.00	.....	.....	772B5
Analysis <sup>813</sup> .....	15.40	3.54	16.90	47.63	9.80	6.73	18H
Analysis.....	16.59	3.44	13.61	50.84	9.61	5.91	227H
Cotton Bloom Brand 16% Protein Cow Feed.....	16.00	3.00	17.00	44.00	.....	.....	772C1
Analysis <sup>816</sup> .....	16.11	3.59	17.74	44.07	9.75	8.74	449H
<b>Harris Feed &amp; Chick Store,</b> Fort Worth, Texas.							
Harris' OK Brand All-Mash Chick Ration.....	17.50	4.20	6.00	52.00	.....	.....	962E
Analysis.....	17.25	4.39	5.57	56.42	9.46	6.91	171T
Harris' OK Brand Egg Mash.....	20.00	4.50	7.20	46.00	.....	.....	962F
Analysis.....	19.91	4.67	5.58	49.99	10.35	9.50	94T
<b>Harvest Queen Mill &amp; Elevator Co.</b> Plainview, Texas.							
Wheat Gray Shorts and Screenings.....	16.00	4.00	6.00	55.00	.....	.....	755F
Analysis.....	17.03	4.30	5.35	57.49	12.09	3.74	109K
Analysis <sup>817</sup> .....	15.85	4.11	5.97	60.02	10.53	3.52	194K
Wheat Bran and Screenings.....	15.00	3.00	10.00	50.00	.....	.....	755K
Analysis.....	15.02	3.85	9.80	53.86	9.82	7.65	386K
<b>Harwell Feed Company,</b> Terrell, Texas.							
Harwell's Special Laying Mash.....	19.00	3.50	8.00	44.00	.....	.....	1320A
Analysis <sup>818</sup> .....	20.05	4.25	6.74	47.86	10.09	11.01	164J
<b>Haskell Elevator Company,</b> Haskell, Texas.							
Just-Right Brand Laying Mash.....	18.00	3.50	7.00	50.00	.....	.....	2468M
Analysis.....	19.45	3.66	4.84	55.01	11.31	5.73	15S
Just-Right Brand Growing Mash.....	16.00	3.50	7.00	53.00	.....	.....	2468N
Analysis.....	17.31	4.03	4.67	57.76	10.25	5.98	493S
Just-Right Brand Chick Starter.....	17.00	3.50	6.00	54.00	.....	.....	2468O
Analysis.....	16.40	3.56	3.57	60.23	10.63	5.61	492S
Just-Right Brand Dairy Feed.....	15.60	3.50	10.50	52.50	.....	.....	2468P
Analysis <sup>819</sup> .....	15.69	3.90	8.73	55.47	9.51	6.70	385S
<b>Hayter, Sam B.,</b> Nacogdoches, Texas.							
Milo Chop.....	10.00	2.50	3.00	70.00	.....	.....	1384G
Analysis.....	12.68	3.30	1.82	68.28	11.74	2.18	191J
<b>Heid Bros.,</b> El Paso, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	2446C
Analysis.....	44.62	7.57	7.96	28.30	5.16	6.39	287S
Laying Mash.....	18.00	4.00	8.00	46.00	.....	.....	2446M
Analysis.....	20.32	4.93	6.44	51.68	8.77	7.86	35S
Analysis.....	20.46	4.20	7.51	51.55	7.03	9.25	549S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>814</sup>Excess of salt found. Ground limestone found, not claimed.<sup>815</sup>Cottonseed meal and crimped whole oats claimed, not found.<sup>816</sup>Cottonseed meal claimed, not found. Peanut meal found, not claimed.<sup>817</sup>Corn meal present.<sup>818</sup>Deficient in ground limestone.<sup>819</sup>Soybean oil meal found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Heid Bros. (Continued),</b> El Paso, Texas.							
H. B. Dairy Feed	15.00	4.00	10.00	54.00			2446P
Analysis <sup>320</sup>	15.56	3.81	7.73	57.64	9.42	5.84	93S
H. B. Growing Mash	15.00	3.50	7.00	54.00			2446W
Analysis	16.25	5.19	6.91	56.68	8.20	6.77	402S
H. B. Chick Starter Mash	18.00	3.80	7.00	51.00			2446Y
Analysis	19.55	5.08	7.83	51.36	8.48	7.70	349S
H. B. Crate Fattener	13.00	3.50	6.00	60.00			2446Z
Analysis	12.76	3.75	6.92	63.12	7.95	5.50	452S
Heid Bros. Turkey Starting Mash	26.00	4.00	6.00	40.00			2446A5
Analysis	26.12	5.29	5.89	44.27	6.98	11.45	508S
Milky-Way Dairy Cow Feed	16.00	3.30	11.50	48.50			2446A6
Analysis	16.72	3.71	10.28	51.59	9.39	8.31	224S
<b>Henderson Grain Company,</b> Abilene, Texas.							
H. P. H. Supreme Brand Dairy Feed	23.00	3.70	12.50	40.00			350E
Analysis <sup>321</sup>	23.05	4.22	10.96	43.34	11.10	7.33	8S
H. P. H. Supreme Brand Laying Mash	19.50	3.60	6.20	46.00			350J
Analysis <sup>322</sup>	20.72	3.93	3.82	51.84	10.40	9.29	76S
Sweet Mixed Feed	9.00	1.50	17.50	49.00			350N
Analysis	11.31	1.53	14.42	50.54	13.54	8.66	129S
<b>Hendrick Grain Company,</b> Houston, Texas.							
Double-Good Brand Dairy Feed	18.50	4.50	15.00	37.00			547A
Analysis <sup>323</sup>	24.31	7.28	13.55	37.15	8.46	9.25	143M
Analysis	17.51	6.75	15.30	38.58	9.75	12.11	250M
Double-Good Brand Scratch Grains	10.50	3.00	3.00	70.00			547B
Analysis <sup>324</sup>	10.90	2.77	1.98	67.56	12.90	3.89	251M
Chowmix Dry and Freshening Feed	9.50	2.50	15.00	48.00			547D
Analysis <sup>325</sup>	12.39	2.84	9.98	54.67	11.78	8.34	144M
Analysis <sup>326</sup>	11.56	2.99	8.60	59.94	5.99	10.92	487M
<b>Hendricks' Feed Mill,</b> Grand Prairie, Texas.							
H H H Mixed Cow Feed	14.00	3.00	17.50	47.20			1637L
Analysis <sup>327</sup>	14.60	3.52	14.38	50.00	10.67	6.83	256T
<b>Henningsen Lamesa, Inc.,</b> Lamesa, Texas.							
La-Mesa Brand 18% Protein Chick Starter	18.00	3.50	6.00	51.50			1556B
Analysis <sup>328</sup>	18.97	3.74	5.09	55.20	8.51	8.49	519K
La-Mesa Brand Growing Mash	17.00	3.50	7.00	52.00			1556F
Analysis	18.40	3.77	4.93	55.55	9.76	7.59	568K
La-Mesa Brand 32% Protein Supplement for Pigs-N-Hogs	32.00	4.00	8.00	34.00			1556K
Analysis <sup>329</sup>	30.50	5.10	8.90	35.88	7.40	12.22	395K
La-Mesa Brand 32% Protein Egg Mash Supplement	32.00	4.50	7.50	27.50			1556N
Analysis <sup>330</sup>	31.45	4.40	7.79	34.14	7.91	14.31	570K
Ground Wheat	12.00	2.00	3.00	70.00			1556Z
Analysis <sup>330</sup>	16.31	1.81	2.63	67.23	9.87	2.15	521K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>320</sup>Ground limestone found, not claimed.<sup>321</sup>Excess of salt found.<sup>322</sup>Deficient in ground limestone.<sup>323</sup>Soybean oil meal and corn gluten feed claimed, not found. Milo meal found, not claimed.<sup>324</sup>Cracked rice and sunflower seed claimed, not found.<sup>325</sup>Cottonseed meal and rice bran found, not claimed.<sup>326</sup>Excess of ground limestone and salt found.<sup>327</sup>Rice hulls found, not claimed. Deficient in cottonseed meal.<sup>328</sup>Peanut meal found, not claimed.<sup>329</sup>Excess of ground limestone and salt.<sup>330</sup>Short in weight. Even-weighted and tagged.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Henry Feed Store, Houston, Texas.							
Henry's Mix Dairy Feed.....	21.00	3.60	15.50	40.00			2581A
Analysis.....	23.23	4.93	13.03	40.72	10.30	7.79	46M
High Grade Packing Company Abattoir, Galveston, Texas.							
Oleander Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00			399B
Analysis <sup>c331</sup> .....	49.04	7.53	1.42	1.12	6.15	34.74	153H
Highway Feed Store, Houston, Texas.							
Henry's Special Dairy Feed.....	19.00	4.50	9.00	47.00			1114A
Analysis <sup>332</sup> .....	19.18	4.10	9.99	48.99	11.09	6.65	142M
Hill County Cotton Oil Company, Hillsboro, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			292K
Analysis.....	45.80	6.64	9.05	24.90	7.83	5.78	46W
Analysis.....	46.67	6.90	8.67	24.55	7.28	5.93	49W
Analysis.....	45.60	6.85	8.75	24.96	7.90	5.94	53W
Hill's Feed Mill, Frisco, Texas.							
A to Z Brand 42% Protein Supplement for Hogs.....	42.00	5.00	9.00	18.00			175J
Analysis.....	39.31	7.57	9.05	21.56	6.95	15.56	136T
A-to-Z Brand Laying Mash.....	21.00	3.60	6.00	45.00			175K
Analysis.....	21.90	4.69	5.39	45.50	10.81	11.71	84T
Hobart Flour & Feed Company, Hobart, Oklahoma.							
Red Ball Egg Mash.....	18.00	3.50	7.80	44.00			1448E
Analysis <sup>333</sup> .....	18.10	4.55	6.40	52.67	10.44	7.84	501K
Holtz Mill, Dallas, Texas.							
Holtz Brand Laying Mash.....	19.00	3.60	8.00	45.00			725E
Analysis <sup>j</sup> .....	22.11	3.65	5.60	51.51	9.57	7.56	356T
Home Mix Feed Company, Inc., Austin, Texas.							
Our-Own Brand Laying Mash.....	19.00	3.50	6.00	46.50			2652A
Analysis <sup>334</sup> .....	21.81	5.82	5.71	46.66	10.47	9.53	11A
Our-Own Brand Laying Mash.....	18.40	3.70	6.00	50.00			2652A
Analysis <sup>j</sup> .....	20.15	4.47	5.83	51.77	10.17	7.61	278H
Analysis <sup>335</sup> .....	18.38	4.18	3.97	55.73	10.28	7.46	417H
Home Mix Brand Special Egg Mash.....	19.00	3.80	7.50	46.50			2652C
Analysis.....	19.51	4.49	5.78	52.62	9.90	7.70	348H
Contest Brand All-Mash Starting Ration.....	17.00	3.50	5.80	51.30			2652L
Analysis.....	19.32	4.26	3.85	55.25	11.65	5.67	347H
H-M Growing Mash.....	16.00	3.50	6.50	51.60			2652Q
Analysis <sup>336</sup> .....	18.00	3.63	5.73	56.49	9.72	6.43	492H
Next Best Brand Dairy Feed.....	15.50	3.80	11.00	50.00			2652A1
Analysis <sup>337</sup> .....	15.12	3.07	9.77	53.97	12.14	5.93	12A
Next Best Brand Dairy Feed.....	15.00	3.00	9.00	52.70			2652A1
Analysis <sup>338</sup> .....	14.20	2.77	6.24	58.49	10.97	7.33	493H

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>331</sup>Oyster shell present.<sup>332</sup>Rice bran, crimped whole barley, and screenings found, not claimed.<sup>333</sup>Cottonseed meal claimed, not found.<sup>334</sup>Excess of salt found.<sup>335</sup>Alfalfa meal found, not claimed.<sup>336</sup>Cottonseed meal claimed, not found.<sup>337</sup>Brewers' dried grains claimed, not found. Milo meal found, not claimed.<sup>338</sup>Deficient in oyster shell. Excess of salt found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Honaker Grain &amp; Hatchery Company,</b> Farmersville, Texas.							
Best Maid Brand Dairy Feed.....	17.50	3.50	15.00	44.00			84Q
Analysis <sup>339</sup> .....	18.30	5.01	12.69	45.56	10.01	8.43	143T
Best Maid Brand Growing Mash.....	16.00	3.50	5.80	49.00			84A7
Analysis.....	18.05	4.25	6.50	54.36	9.59	7.25	145T
Best Maid Brand Pullet Developer.....	16.40	3.00	6.50	51.00			84B3
Analysis.....	17.70	3.24	4.74	57.08	9.33	7.91	510J
<b>Honey Grove Cotton Oil Company, The,</b> Honey Grove, Texas.							
Honey Grove Cottonseed Hulls and Cottonseed Meal.....	13.50	2.00	36.00	36.00			499B
Analysis.....	15.05	2.39	34.06	38.52	6.64	3.34	178J
Cottonseed Hulls and Cottonseed Meal.....	16.50	2.40	33.50	34.50			499D
Analysis.....	16.55	3.05	32.24	36.50	8.02	3.64	47T
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			499E
Analysis <sup>c</sup> .....	41.73	5.66	11.27	25.43	9.36	6.55	20J
Analysis <sup>c</sup> .....	41.53	7.57	10.53	27.29	7.27	5.81	120J
Analysis <sup>c</sup> .....	41.99	6.76	11.12	26.66	7.57	5.90	177J
Analysis.....	43.44	5.62	9.41	27.40	7.25	6.88	462J
Analysis.....	42.51	6.66	10.49	27.68	6.62	6.04	50T
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00			499F
Analysis.....	43.65	5.76	9.53	27.72	7.34	6.00	68J
Honey Grove 41% Protein Pig-N-Hog Supplement.....	41.00	4.50	10.00	21.00			499L
Analysis <sup>340</sup> .....	44.65	5.94	7.25	19.26	8.16	14.74	118J
Honey Grove Laying Mash.....	18.00	3.50	7.50	47.00			499M
Analysis.....	18.31	4.54	7.06	48.61	11.59	9.89	19J
Victory Brand Pig-N-Hog Feed.....	14.00	3.00	5.40	51.50			499U
Analysis.....	15.54	3.18	3.46	59.57	13.14	5.11	236J
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00			499X
Analysis.....	43.36	5.09	6.13	30.96	8.44	6.02	280J
Analysis.....	44.85	5.23	5.33	29.96	8.73	5.90	331J
Honey Grove Cow Feed.....	15.60	2.70	15.20	46.50			499A1
Analysis <sup>k</sup> .....	18.02	2.98	10.73	50.55	10.14	7.58	496J
<b>Horton, Hal C.,</b> Greenville, Texas.							
Red Diamond Big 5 Laying Mash.....	19.00	3.50	8.00	46.00			1202J
Analysis <sup>k</sup> .....	18.19	3.23	5.47	56.00	10.11	7.00	456J
Red Diamond All-Mash Laying Feed.....	14.00	3.00	7.00	58.00			1202X
Analysis <sup>341</sup> .....	15.82	3.46	4.57	60.51	10.81	4.83	52J
Red Diamond Dairy Feed.....	16.40	3.00	11.80	50.00			1202A6
Analysis <sup>342</sup> .....	14.96	3.28	16.05	47.57	10.65	7.49	387J
Red Diamond Hog Feed.....	14.80	3.00	6.00	64.00			1202B6
Analysis <sup>343</sup> .....	14.01	3.60	5.05	61.15	11.17	5.02	463J
<b>Housewright Grain Company,</b> Wylie, Texas.							
Quality Brand Egg Mash.....	19.00	3.60	4.50	48.50			1636A
Analysis.....	20.08	4.63	3.90	53.61	10.06	7.72	146T
<b>Houston Cotton Oil Mill,</b> Houston, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			720B
Analysis <sup>c</sup> .....	40.67	7.86	9.55	28.01	7.56	6.35	9M
Analysis <sup>c</sup> .....	41.87	7.62	10.93	25.96	7.61	5.91	151M
Panther Brand Laying Mash.....	18.00	4.00	6.50	56.00			720I
Analysis.....	18.40	4.25	6.25	52.23	11.29	7.58	89M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>339</sup>Rice bran found, not claimed.<sup>340</sup>Fish meal claimed, not found.<sup>341</sup>Linseed meal claimed, not found.<sup>342</sup>Ear corn chop with husk found, not claimed.<sup>343</sup>Deficient in oyster shell.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Houston Cotton Oil Mill (Continued), Houston, Texas.</b>							
Cotton Bloom Brand Laying Mash.....	18.00	4.50	7.50	51.00			720J
Analysis <sup>344</sup> .....	23.38	4.60	6.74	43.92	10.40	10.96	197M
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	52.00			720K
Analysis <sup>345</sup> .....	19.00	4.28	5.38	50.88	10.56	9.90	90M
Analysis <sup>346</sup> .....	19.04	4.05	5.58	50.40	10.39	10.54	199M
Cotton Bloom Brand Growing Mash.....	18.50	4.00	5.50	53.00			720L
Analysis <sup>346</sup> .....	20.49	4.96	5.85	49.22	11.11	8.37	314M
Consumers Special Egg Mash.....	19.00	4.00	7.50	46.00			720V
Analysis <sup>347</sup> .....	21.87	4.03	6.51	45.76	10.97	10.86	91M
Cotton Bloom Brand 43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00			720A4
Analysis.....	45.64	6.65	13.17	20.92	8.92	4.70	136M
Cotton Bloom Brand Cottonseed Meal and Peanut Meal.....	43.00	6.50	12.00	24.00			720A6
Analysis <sup>348</sup> .....	42.90	6.90	11.66	25.16	7.70	5.68	234M
Cotton Bloom Brand 41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00			720A9
Analysis.....	44.02	6.48	8.20	26.15	8.75	6.40	10M
Bulky Cow Feed.....	12.80	2.00	47.40	23.50			720B4
Analysis <sup>348</sup> .....	10.36	2.99	52.67	18.83	9.41	5.74	235M
<b>Houston Grain Company, Houston, Texas.</b>							
Chickmicks.....	10.00	2.60	3.50	69.00			1153D
Analysis.....	10.92	2.68	2.37	69.35	13.28	1.40	16M
<b>Houston Milling Company, Inc., Brownwood, Texas.</b>							
Texan Sweet Feed.....	9.30	2.80	10.00	58.00			231G
Analysis.....	12.16	3.66	8.75	56.77	12.21	6.45	117S
Arrow Growing Mash.....	16.50	3.80	7.00	51.00			231B7
Analysis.....	17.37	3.55	5.61	53.90	9.28	10.29	363S
Arrow Egg Mash.....	19.50	4.00	8.00	45.20			231B9
Analysis <sup>349</sup> .....	16.62	2.97	4.82	59.61	9.33	6.65	536S
Analysis <sup>349</sup> .....	19.85	3.24	5.50	54.80	8.48	8.13	252W
Arrow Turkey Starter.....	24.00	4.00	6.00	40.50			231C4
Analysis <sup>350</sup> .....	24.00	4.83	6.47	44.32	8.72	11.66	420S
Arrow Turkey Growing Mash.....	21.00	4.00	8.00	43.00			231C6
Analysis <sup>351</sup> .....	17.60	2.85	4.71	56.96	9.18	8.70	260W
Arrow All-Mash Chick Starter.....	16.00	4.00	6.60	51.50			231D3
Analysis.....	16.89	4.97	6.43	53.01	9.09	9.61	316S
Arrow All-Mash Grower.....	15.50	3.50	7.00	43.00			231D5
Analysis <sup>352</sup> .....	16.94	3.59	4.21	59.45	9.07	6.74	523S
Arrow Broiler Mash.....	18.80	3.70	7.30	47.50			231D7
Analysis <sup>353</sup> .....	20.32	4.82	5.77	52.87	8.72	7.50	412S
Analysis <sup>354</sup> .....	22.06	5.26	6.05	46.32	8.88	11.43	73W
Arrow 32% Protein Mash Concentrate.....	32.00	3.70	6.00	28.50			231I3
Analysis <sup>355</sup> .....	33.30	4.19	6.23	34.46	7.73	14.09	72W
Homco Laying Mash.....	18.00	3.50	7.00	51.00			231J5
Analysis <sup>356</sup> .....	18.88	3.64	6.01	51.77	9.65	10.05	373S
Homco 24% Protein Dairy Feed.....	24.00	3.80	14.00	37.00			231K3
Analysis.....	24.10	3.96	18.70	39.33	7.90	8.01	310S
Analysis <sup>357</sup> .....	22.94	3.73	13.83	41.95	9.15	8.40	110W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>344</sup>Soybean oil meal found, not claimed.<sup>345</sup>Cottonseed meal found, not claimed.<sup>346</sup>Excess of oyster shell and salt found.<sup>347</sup>Cottonseed meal found, not claimed. Deficient in oyster shell. Excess of salt found.<sup>348</sup>Excess of peanut hulls found.<sup>349</sup>Deficient in salt. Excess of oyster shell found.<sup>350</sup>Peanut meal and milo meal found, not claimed.<sup>351</sup>Excess of oyster shell and salt found.<sup>352</sup>Deficient in oyster shell. Excess of salt found.<sup>353</sup>Excess of oyster shell found.<sup>354</sup>Dried citrus pulp found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Houston Milling Co., Inc. (Continued), Brownwood, Texas.</b>							
Homco Hog Swiller.....	14.00	3.00	4.80	60.00			231K5
Analysis.....	13.95	2.57	2.32	66.05	9.50	5.61	261W
Red Arrow Special Laying Mash.....	19.00	4.00	8.00	46.50			231N6
Analysis <sup>j</sup> .....	17.53	2.86	4.08	57.89	9.89	7.75	535S
Red Arrow 18% Protein Dairy Feed.....	18.00	3.20	12.30	43.50			231O4
Analysis <sup>a</sup> .....	19.50	3.48	11.44	48.87	9.50	7.21	364S
Analysis <sup>k</sup> .....	17.87	3.05	9.56	51.12	9.69	8.71	162W
<b>Houston Milling Company, Inc., Houston, Texas.</b>							
Homco Laying Mash.....	18.00	3.50	7.00	51.00			1462F1
Analysis.....	20.38	4.11	6.39	53.25	11.73	4.14	260M
Arrow Chick Starter.....	18.60	4.00	6.80	49.00			1462F5
Analysis.....	18.64	3.87	4.41	57.22	10.60	5.26	340H
Arrow All-Mash Grower.....	15.00	3.70	6.50	50.50			1462G5
Analysis <sup>e255</sup> .....	15.00	5.61	5.42	57.02	10.88	6.07	345M
Arrow All-Mash Grower.....	15.50	3.50	7.00	43.00			1462G5
Analysis <sup>j</sup> .....	16.08	3.11	5.03	59.47	10.00	6.31	477H
Red Arrow Hog Feed.....	14.00	3.00	5.20	60.20			1462G9
Analysis.....	17.25	2.75	3.26	62.20	10.95	3.59	503M
Arrow 23% Protein Cattle Feed Cubes.....	23.00	3.00	6.50	47.00			1462H5
Analysis <sup>356</sup> .....	23.69	3.92	5.16	52.38	11.01	3.84	293M
Analysis.....	23.99	4.20	5.63	50.64	10.43	5.11	175S
Homco 16% Protein Dairy Feed.....	16.00	3.30	15.00	40.70			1462I3
Analysis <sup>357</sup> .....	18.44	3.73	12.72	48.92	5.84	10.35	294M
Red Arrow 36% Protein Supplement for Hogs.....	36.00	3.00	8.00	24.00			1462I5
Analysis <sup>k357</sup> .....	38.11	3.53	6.82	27.78	7.72	16.04	160H
Arrow All-Mash Chick Starter.....	17.00	4.00	7.00	47.00			1462J9
Analysis <sup>j358</sup> .....	16.15	3.57	4.32	59.72	10.51	5.73	470M
Arrow Egg Mash.....	18.00	3.70	7.00	48.50			1462K2
Analysis <sup>e</sup> .....	19.65	3.88	6.83	54.13	10.43	5.08	323H
Arrow Egg Mash.....	19.50	4.00	8.00	45.20			1462K2
Analysis <sup>j</sup> .....	19.94	3.86	4.54	56.36	9.58	5.72	486H
Analysis <sup>j359</sup> .....	18.88	3.55	5.03	57.12	10.70	4.72	439M
Red Arrow Special Laying Mash.....	19.00	3.70	8.00	40.50			1462L2
Analysis <sup>357</sup> .....	18.57	3.76	3.80	56.38	12.06	5.43	344M
Analysis <sup>e357</sup> .....	18.86	3.56	4.97	57.28	10.28	5.05	176W
Red Arrow Special Laying Mash.....	19.00	4.00	8.00	46.50			1462L2
Analysis <sup>j360</sup> .....	19.40	3.49	4.96	56.65	9.56	5.94	482H
Red Arrow Horse and Mule Feed.....	11.00	3.00	11.70	53.50			1462M1
Analysis <sup>k</sup> .....	11.40	3.49	4.73	62.37	13.19	4.82	398M
Red Arrow Maintenance Cow Feed.....	12.70	2.80	8.00	55.00			1462M4
Analysis <sup>361</sup> .....	15.50	3.77	5.28	57.89	12.24	5.32	397M

*a, b, c, d, e, f, g, h, i, j, k*—See legend at the beginning of this table.<sup>355</sup>Deficient in oyster shell and salt.<sup>356</sup>Peanut meal claimed, not found. Linseed meal found, not claimed.<sup>357</sup>Deficient in oyster shell.<sup>358</sup>Deficient in oyster shell. Excess of salt found.<sup>359</sup>Deficient in oyster shell and salt. Weevil larvae and eggs found.<sup>360</sup>Short in weight. Removed from sale and even-weighted to 100 pounds net.<sup>361</sup>Soybean oil meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Houston Milling Co., Inc. (Continued), Houston, Texas.</b>							
Red Arrow Sweet Mixed Feed.....	9.50	2.30	11.70	56.20			1462M7
Analysis <sup>382</sup> .....	11.66	2.99	6.20	59.99	11.67	7.49	399M
Arrow Broiler Mash.....	18.80	3.70	7.30	47.50			1462N1
Analysis.....	19.25	4.16	4.33	55.30	10.69	6.27	259M
Arrow Breeder Mash.....	19.00	3.50	6.50	49.00			1462N5
Analysis <sup>383</sup> .....	18.71	3.71	5.46	54.32	8.95	8.85	412H
Red Arrow 16% Protein Dairy Feed.....	16.00	3.20	14.50	45.50			1462N7
Analysis.....	16.81	3.49	9.22	52.66	9.96	7.86	287H
Red Arrow 18% Protein Dairy Feed.....	18.00	3.20	12.50	43.50			1462N8
Analysis.....	18.18	3.79	8.36	53.06	10.64	5.97	286H
Analysis.....	21.99	4.06	8.16	49.60	10.64	5.55	329M
60% Protein Menhaden Fish Meal.....	60.00	2.00	1.00	1.00			1462N9
Analysis.....	57.94	7.01	.89	1.35	8.35	24.46	10W
<b>Houston Packing Company, Houston, Texas.</b>							
Houston's 60% Protein Meat Meal Digester Tankage.....	60.00	6.00	4.00	2.00			1765D
Analysis <sup>c</sup> .....	56.08	9.18	1.26	.87	9.05	23.56	263M
Houston's 50% Protein Meat and Bone Scraps.....	50.00	5.00	4.50	0.00			1765F
Analysis.....	56.45	10.77	1.24	2.44	6.77	22.33	404M
Analysis.....	50.37	10.39	1.31	1.22	6.64	30.07	14W
<b>Hou-Tex Grain Company, Houston, Texas.</b>							
Hou-Tex Dry Mix.....	15.00	4.00	15.00	45.00			1989B
Analysis.....	16.06	3.51	9.67	52.63	11.49	6.64	20M
Hou-Tex Growing Mash.....	15.00	3.50	6.00	51.00			1989D
Analysis.....	17.14	4.45	4.93	56.36	11.29	5.83	195M
Analysis <sup>384</sup> .....	16.04	4.13	5.35	56.25	11.89	6.34	316M
Cream-of-the-Crop Brand 19% Protein Dairy Ration.....	19.00	4.50	18.00	37.00			1989G
Analysis <sup>384</sup> .....	20.79	6.48	15.37	38.45	10.35	8.56	96M
Hou-Tex "Big-Valu" Brand Laying Mash.....	18.00	3.50	6.50	47.00			1989H
Analysis.....	21.26	4.08	6.35	51.39	8.30	8.62	382M
Hou-Tex Horse and Mule Feed.....	10.00	2.60	14.00	53.00			1989I
Analysis.....	11.92	3.07	12.09	54.26	13.30	5.36	196M
Big-Valu Brand Scratch Feed.....	10.00	3.00	3.00	70.00			1989K
Analysis <sup>385</sup> .....	11.22	2.55	2.16	72.46	10.19	1.42	29M
Big-Valu Brand 18% Protein Dairy Ration.....	18.00	3.50	20.00	38.00			1989O
Analysis <sup>386</sup> .....	16.13	4.72	15.04	46.31	11.43	6.37	19M
Analysis <sup>387</sup> .....	18.69	4.15	18.21	41.01	9.88	8.06	383M
<b>Hubinger Company, The, Keokuk, Iowa.</b>							
Keokuk Corn Gluten Feed.....	23.00	2.00	8.50	46.00			1719B
Analysis.....	27.48	2.09	6.63	51.58	7.49	4.73	494J
<b>Hughes, Jack, Ysleta, Texas.</b>							
Jack Hughes' Laying Mash.....	18.50	3.70	8.00	49.00			1409A
Analysis.....	19.15	4.57	7.12	52.56	7.87	8.73	446S
Jack Hughes' Dairy Feed.....	15.50	3.00	8.00	53.00			1409B
Analysis.....	16.35	3.50	5.57	60.01	9.29	5.28	30S
Analysis.....	17.14	3.84	7.59	57.10	8.50	5.83	395S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>382</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>383</sup>Fish meal claimed, not found.<sup>384</sup>Deficient in ground limestone.<sup>385</sup>Cracked rice claimed, not found.<sup>386</sup>Milo meal found, not claimed.<sup>387</sup>Soybean oil meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Hughes Feed &amp; Produce Company, R. H.,</b> Mineral Wells, Texas.							
Three H Egg Mash.....	18.50	4.00	7.50	48.00	.....	.....	318G
Analysis.....	20.50	4.19	6.93	50.26	9.35	8.77	25T
Analysis.....	19.99	4.65	8.03	48.33	10.33	8.67	202T
Three H Hen Scratch.....	10.20	3.00	3.00	70.00	.....	.....	318H
Analysis <sup>368</sup> .....	11.65	2.66	2.10	69.99	11.84	1.76	246T
<b>Hugo Milling Company,</b> Hugo, Oklahoma.							
Carnation Brand Dairy Feed.....	18.00	3.60	14.00	43.00	.....	.....	1937A
Analysis <sup>369</sup> .....	22.53	5.35	9.30	45.42	8.37	9.03	409J
<b>Ingwersen Feed Company, Jim,</b> Canadian, Texas.							
New Remarkable Brand Egg Mash.....	18.00	3.50	5.50	52.50	.....	.....	1532C
Analysis.....	20.45	3.01	4.36	57.44	9.53	5.21	28K
Remarkable Brand Dairy Feed.....	16.00	3.00	10.00	54.00	.....	.....	1532I
Analysis.....	16.00	3.44	8.61	56.14	10.31	5.50	356K
<b>International Milling Company,</b> Greenville, Texas.							
Target Wheat Gray Shorts and Screenings.....	17.00	3.50	6.00	55.00	.....	.....	101B
Analysis.....	16.81	3.88	5.92	56.08	13.68	3.63	23J
Analysis.....	17.00	3.61	4.77	58.34	12.83	3.45	135J
Analysis.....	16.87	3.50	5.86	56.98	12.54	4.25	240J
Analysis.....	17.52	3.56	5.75	56.21	12.95	4.01	255J
Analysis.....	17.75	3.90	5.52	57.38	11.03	4.42	422J
Analysis.....	17.13	3.58	5.64	58.40	11.53	3.72	454J
Target Wheat Bran.....	15.00	3.50	10.00	50.00	.....	.....	101D
Analysis.....	17.05	4.05	9.25	50.33	13.12	6.20	197J
Analysis.....	17.35	3.96	9.36	52.61	10.32	6.40	299J
Analysis <sup>370</sup> .....	16.00	4.16	10.14	49.90	12.81	6.99	15M
Analysis.....	18.96	4.43	9.44	51.21	9.67	6.29	284T
Hominy Feed.....	10.00	5.00	7.00	60.00	.....	.....	101Y
Analysis.....	11.05	6.20	6.91	62.47	10.59	2.78	230J
Analysis.....	10.51	3.90	6.66	65.93	10.40	2.60	375J
Ground Wheat.....	12.00	2.00	3.00	70.00	.....	.....	101A2
Analysis.....	14.56	1.78	2.39	67.26	12.15	1.86	234W
<b>Interstate By-Products &amp; Supply Co.,</b> Fort Worth, Texas.							
Interstate 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	768A
Analysis <sup>371</sup> .....	48.49	11.23	1.39	1.71	5.82	31.36	29H
Analysis <sup>372</sup> .....	50.37	12.02	2.63	3.94	6.20	24.84	431J
Analysis.....	49.97	12.38	2.84	3.68	5.38	25.75	234T
Analysis.....	49.83	11.91	2.68	2.73	6.55	26.30	79W
Interstate Dried Buttermilk (Feeding).....	32.00	5.00	1.00	35.00	.....	.....	768D
Analysis <sup>373</sup> .....	30.01	4.33	.82	39.89	9.98	14.97	239T
<b>Jackson Company, F. G.,</b> Harlingen, Texas.							
Jackson's Mexico-Mix Brand Dairy Feed.....	20.00	3.50	11.00	43.80	.....	.....	2206R
Analysis <sup>374</sup> .....	21.79	5.10	10.01	45.49	7.96	9.65	293H
Analysis <sup>a</sup> .....	21.79	5.18	13.08	41.51	7.76	10.68	438H

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>368</sup>Wheat present damaged by fire and water.<sup>369</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>370</sup>Wheat screenings present.<sup>371</sup>Used by dealer in mixed feed.<sup>372</sup>Cottonseed meal present.<sup>373</sup>Soybean oil meal and calcium carbonate present.<sup>374</sup>Linseed meal found, not claimed. Deficient in cottonseed meal.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

\*(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Jackson County Cotton Oil Company, Ganado, Texas.</b>							
Jaco 30% Protein Ground Whole-Pressed Cottonseed.....	30.00	5.00	23.00	29.00	.....	.....	2330C
Analysis <sup>c</sup> .....	27.56	5.42	23.18	32.33	6.95	4.56	79M
Analysis <sup>c</sup> .....	27.05	5.38	24.89	31.67	6.34	4.67	163M
Analysis <sup>AG75</sup> .....	27.16	7.67	22.97	31.21	6.55	4.44	442M
Jaco Half-and-Half Sweet Feed.....	17.00	3.60	14.00	47.00	.....	.....	2330J
Analysis.....	15.45	3.70	15.99	48.87	11.87	4.12	166M
Jaco One-to-Two Sweet Feed.....	13.00	3.00	12.50	52.50	.....	.....	2330L
Analysis.....	13.88	3.68	12.20	54.99	11.74	3.51	168M
Jaco 37% Protein Linseed Meal.....	37.00	5.00	9.00	35.00	.....	.....	2330P
Analysis <sup>e</sup> .....	37.48	10.65	7.25	33.66	5.60	5.36	199K
Jaco 32% Protein Linseed Meal.....	32.00	6.00	9.00	35.00	.....	.....	2330P
Analysis <sup>j</sup> .....	32.78	12.05	8.82	32.48	8.51	5.36	510M
One-to-Two Special Feed.....	15.00	3.00	7.50	56.00	.....	.....	2330U
Analysis.....	16.19	3.68	6.76	55.94	10.92	6.51	167M
Jaco 28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	2330V
Analysis.....	28.95	4.77	23.39	32.51	5.69	4.69	261M
Jaco Special Dairy Feed.....	18.00	3.40	13.50	46.00	.....	.....	2330W
Analysis.....	18.02	4.49	14.76	48.08	9.28	5.37	507M
<b>James &amp; Harwell, Houston, Texas.</b>							
Rice Bran.....	11.00	10.00	15.00	42.00	.....	.....	982A
Analysis <sup>876</sup> .....	11.58	18.21	14.56	27.38	7.41	20.86	371M
Analysis <sup>876e</sup> .....	12.63	22.14	13.06	24.79	7.25	20.13	485M
<b>Jarvis, Ray, Hubbard, Texas.</b>							
Ground Wheat.....	12.00	2.00	3.00	70.00	.....	.....	36B
Analysis <sup>877</sup> .....	17.04	2.21	2.72	65.23	10.72	2.08	180W
<b>Jayton Cotton Oil Mill, Jayton, Texas.</b>							
Chuck Wagon Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	2255A
Analysis.....	42.57	7.28	10.09	26.44	7.98	5.64	106K
Analysis.....	43.42	7.54	9.05	27.08	6.98	5.93	184K
Analysis.....	42.94	7.13	8.72	27.46	7.89	5.86	204K
Analysis.....	42.56	6.87	10.89	27.16	6.60	5.92	369K
Chuck Wagon Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	2255B
Analysis.....	43.38	6.28	9.35	27.06	7.98	5.95	278K
Chuck Wagon Brand 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	2255C
Analysis <sup>f 6375</sup> .....	41.81	6.41	10.71	26.90	8.62	5.55	77K
Chuck Wagon Brand 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....	2255F
Analysis <sup>c</sup> .....	40.39	5.98	11.42	28.54	7.42	6.25	507K
Chuck Wagon Brand 41% Protein Cottonseed Pellets.....	41.00	5.00	12.00	25.00	.....	.....	2255G
Analysis.....	41.34	5.84	10.68	27.36	8.45	6.33	428K
<b>Jefferson Packing Company, Beaumont, Texas.</b>							
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	2557A
Analysis.....	50.50	13.29	1.31	2.37	7.19	25.34	55M
Analysis.....	53.93	11.17	2.54	1.32	9.33	21.71	333M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>875</sup>Used by manufacturer in mixed feed.<sup>876</sup>Ground limestone present.<sup>877</sup>Damaged by fire and water.<sup>878</sup>Replaced with other pellets.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Johnson, C. F.,</b> Princeton, Texas. C. & F. Egg Mash.....	18.50	3.50	6.70	49.50	.....	.....	2511B
Analysis.....	18.82	3.05	4.79	56.62	9.77	6.95	508J
<b>Johnson Feed Store,</b> Irving, Texas. Johnson's Dairy Feed.....	19.00	3.30	13.80	43.50	.....	.....	608I
Analysis.....	21.01	3.70	12.87	46.97	8.08	7.37	76T
Johnson's Laying Mash.....	18.50	3.50	8.00	44.50	.....	.....	608J
Analysis <sup>870</sup> .....	20.57	4.24	8.36	49.44	7.55	9.84	77T
<b>Johnston Feed Company, A. L.,</b> Weslaco, Texas. Mexico Brand Mixed Dairy Feed.....	20.00	3.50	11.00	43.80	.....	.....	2026M
Analysis.....	20.48	4.51	15.04	41.87	8.16	9.94	446H
<b>Jones, Gus,</b> Jacksboro, Texas. G. J. Dairy Feed.....	18.70	3.20	12.80	46.60	.....	.....	2364K
Analysis <sup>880</sup> .....	20.00	3.28	8.30	54.11	8.49	5.82	336T
Egg-Maker Brand Laying Mash.....	18.00	3.50	8.00	50.00	.....	.....	2364O
Analysis.....	18.30	4.44	5.48	53.99	11.57	6.22	106T
Analysis <sup>880</sup> .....	17.48	3.39	3.50	59.37	10.64	5.62	289T
<b>Jones Feed Mill,</b> Dallas, Texas. Trumix Brand Growing Mash.....	16.00	3.50	7.00	52.00	.....	.....	780D
Analysis <sup>881</sup> .....	17.86	3.28	3.43	60.16	9.80	5.47	323T
Trumix Brand Dairy Feed.....	18.00	3.60	10.50	49.00	.....	.....	780F
Analysis <sup>880</sup> .....	15.85	3.43	8.88	57.50	10.31	4.03	324T
<b>Jones Grain Company, R. M.,</b> San Angelo, Texas. Jones' Special Dairy Feed.....	18.00	4.00	12.00	42.50	.....	.....	1064A
Analysis.....	22.01	4.90	10.96	45.98	8.53	7.62	59S
Analysis.....	18.84	4.36	10.49	49.17	9.36	7.78	311S
Jones' Special Vita-Way Brand Chick Starter.....	17.00	3.50	5.00	53.00	.....	.....	1064C
Analysis.....	17.80	4.05	5.20	55.19	10.83	6.93	360S
Jones' Pay-Day Brand Egg Mash.....	18.20	3.70	7.00	49.30	.....	.....	1064E
Analysis <sup>882</sup> .....	19.30	3.20	5.87	54.55	10.39	6.69	472S
<b>Jones-Myers Feed Company,</b> Beaumont, Texas. Bojak Brand Scratch Grains.....	10.20	3.00	3.00	70.00	.....	.....	1355A
Analysis.....	12.45	2.69	2.12	69.39	11.85	1.50	57M
Bojak 18% Protein Dairy Feed.....	18.00	4.00	12.00	45.00	.....	.....	1355B
Analysis.....	21.73	5.59	10.67	45.27	10.41	6.33	56M
Analysis.....	19.23	4.60	10.63	49.51	10.06	6.17	280M
Analysis <sup>883</sup> .....	17.25	4.09	6.55	56.37	10.96	4.78	394M
<b>Josey-Miller Company, Inc.,</b> Beaumont, Texas. Mo-Cream Brand Steamed Dried Mixed Feed with Molasses.....	16.00	4.20	14.50	42.00	.....	.....	407F
Analysis <sup>884</sup> .....	17.75	3.59	12.97	47.44	10.84	7.41	428T
Analysis <sup>884</sup> .....	18.40	8.12	14.24	39.18	9.21	10.85	335M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>870</sup>Milo meal found, not claimed.<sup>880</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>881</sup>Deficient in ground limestone. Excess of salt found.<sup>882</sup>Deficient in ground limestone.<sup>883</sup>Soybean oil meal and alfalfa stem meal claimed, not found. Kafir meal and milo meal found, not claimed.<sup>884</sup>Deficient in rice bran.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein	Per Cent				Crude Ash	Registration or Inspection No.
		Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture		
Josey-Miller Company, Inc. (Continued), Beaumont, Texas.							
Hi-Flo Brand Dairy Feed	24.00	4.50	10.50	41.00			407M
Analysis <sup>885</sup>	27.03	7.46	12.07	37.61	7.60	8.23	156M
Analysis <sup>886</sup>	28.07	10.02	12.19	30.26	9.24	10.22	274M
Big Jo Dairy Feed	18.00	3.50	14.00	43.00			407Y
Analysis <sup>887</sup>	19.40	5.36	14.51	41.80	8.95	9.98	48J
Analysis <sup>888</sup>	25.26	9.21	10.93	37.26	8.63	8.71	157M
Analysis <sup>889</sup>	25.02	8.38	13.37	34.80	8.92	9.51	284M
Perfexun Brand Steamed Dried Mixed Feed							
Analysis	9.00	3.00	17.00	47.50			407Z
	9.30	2.14	16.97	49.38	10.10	12.11	513M
Jo-Mil 5 Point Laying Mash	20.00	4.00	8.00	42.30			407A5
Analysis <sup>890</sup>	19.36	5.34	8.56	49.08	9.12	8.54	358H
Analysis <sup>891</sup>	18.05	3.41	5.99	56.66	10.99	4.90	7J
Analysis <sup>892</sup>	20.62	6.08	7.12	49.57	9.70	6.91	308J
Analysis	18.84	6.31	7.06	49.53	8.44	9.82	489M
Jo-Mil Horse and Mule Feed	9.50	3.00	11.50	56.00			407B1
Analysis <sup>893</sup>	12.40	3.10	8.36	60.81	10.62	4.71	64M
Analysis	12.06	2.64	8.00	60.36	11.81	5.13	358M
Rolled Whole Oats	11.00	4.00	12.00	58.00			407B2
Analysis <sup>894</sup>	12.27	3.48	9.09	58.64	13.17	3.35	174M
Analysis <sup>a</sup>	13.76	3.56	8.20	62.78	8.23	3.47	357M
Ideal Brand Laying Mash with Buttermilk	20.00	4.50	6.00	46.00			407C5
Analysis <sup>895</sup>	19.38	4.99	6.18	47.65	9.38	12.42	396M
Ideal Brand Laying Mash	20.00	4.50	6.00	46.00			407C5
Analysis <sup>j</sup>	15.54	3.56	5.07	56.80	9.86	9.17	490M
Big Bag Brand Feed	10.00	3.80	13.50	49.60			407D2
Analysis <sup>896</sup>	11.75	6.05	13.64	47.66	11.11	9.79	395M
Wheat Gray Shorts and Screenings	15.00	3.50	6.00	55.00			407E2
Analysis	18.97	4.26	5.93	55.15	11.19	4.50	47M
Analysis <sup>a</sup>	18.13	4.10	5.75	56.70	10.98	4.34	74M
B. P. S. Mixed Feed	12.00	7.00	10.50	47.00			407F2
Analysis	13.01	9.70	8.25	50.08	9.52	9.44	336M
Rice Hulls, Peanut Hulls, Screenings, Rice Bran, Molasses, Oat Hulls, Corn Chop, Limestone, and Salt							
Analysis	5.50	1.80	30.00	37.50			407F4
Analysis	9.33	1.74	21.11	45.58	10.92	11.32	11M
Analysis <sup>897</sup>	8.35	3.58	28.45	33.96	9.62	16.04	283M
Analysis	5.62	1.83	23.42	44.60	10.32	14.21	434M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>885</sup>Deficient in ground limestone.<sup>886</sup>Hominy feed, wheat gray shorts, soybean oil meal, and molasses claimed, not found.<sup>887</sup>Corn gluten feed claimed, not found. Peanut meal and rice hulls found, not claimed.<sup>888</sup>Deficient in ground limestone and salt.<sup>889</sup>Corn gluten feed claimed, not found.<sup>890</sup>Deficient in salt.<sup>891</sup>Corn gluten feed, milo meal, and hegari meal found, not claimed. Rice bran claimed, not found.<sup>892</sup>Kafir meal found, not claimed. Deficient in ground limestone and salt.<sup>893</sup>Linseed meal, rice bran, and crimped whole barley found, not claimed.<sup>894</sup>Rolled whole barley and milo screenings present.<sup>895</sup>Excess of ground limestone found.<sup>896</sup>Dried citrus pulp and rice hulls found, not claimed.<sup>897</sup>Cottonseed meal present. Corn chop and oat hulls not found. Excess of rice hulls found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Josey-Miller Company, Inc. (Continued), Beaumont, Texas.</b>							
Perfexun Brand All-Mash	15.00	3.50	8.00	49.00			407F5
Analysis <sup>398</sup>	19.24	5.12	6.63	50.96	11.27	6.78	138J
Analysis	19.35	3.67	5.28	54.67	10.53	6.50	63M
Analysis <sup>399</sup>	17.30	4.36	5.07	54.60	10.75	7.92	491M
Jo-Mil Hominy Feed and Limestone	9.80	5.90	6.90	58.80			407F7
Analysis	11.07	6.91	3.80	63.39	11.98	2.85	360M
Jo-Mil 18% Protein Dairy Feed	18.00	4.50	12.70	40.00			407F9
Analysis	19.40	5.94	12.93	43.36	10.19	8.18	341J
Analysis <sup>400</sup>	21.76	4.10	10.96	47.47	10.19	5.52	447J
Analysis	22.36	6.66	10.10	44.05	8.65	8.18	48M
Cottonseed Hulls, Cottonseed Meal, Ground Limestone, and Salt	11.50	1.70	36.00	35.00			407I2
Analysis	7.21	2.03	39.23	37.55	10.51	3.47	155M
Victory Brand Dairy Feed	19.00	3.50	15.00	42.00			407I3
Analysis <sup>400</sup>	21.47	4.69	16.37	40.05	8.92	8.50	68M
Jo-Mil Special Growing Mash	17.00	4.00	7.50	51.00			407I5
Analysis <sup>400</sup>	17.09	6.09	6.81	53.73	9.59	6.69	206J
<b>Juarez Mercantile Company, El Paso, Texas.</b>							
Oat Shorts and Oat Screenings	13.00	8.00	4.00	60.00			1501M
Analysis	13.35	12.42	2.68	61.53	7.98	2.04	346S
Corn Gluten Feed	23.00	2.50	7.00	50.00			1501O
Analysis	30.40	2.87	6.66	46.98	6.49	6.60	548S
<b>Judd Grain Company, Wichita Falls, Texas.</b>							
Ground Whole Oats	11.00	4.00	12.00	58.00			975B
Analysis <sup>401</sup>	11.55	3.58	11.71	58.26	10.57	4.33	102T
Judco 20% Protein Dairy Cow Feed	20.00	3.30	11.30	44.30			975H
Analysis	20.92	4.44	8.57	49.77	9.31	6.99	34T
Judco Egg Laying Mash	20.00	3.50	8.00	44.00			975K
Analysis <sup>402</sup>	18.76	4.34	8.32	48.86	9.75	9.97	103T
Bing-O Sweet Feed	9.00	1.20	17.00	55.00			975T
Analysis <sup>k</sup>	6.46	1.18	18.80	53.50	12.01	8.05	250T
Analysis <sup>g</sup>	6.80	1.66	21.36	47.33	12.46	10.39	309T
Ground Screenings Refuse and Molasses	6.00	1.10	20.00	52.00			975T
Analysis <sup>403</sup>	10.17	1.80	11.87	54.70	10.25	11.21	369T
Judd's Royal Brand Egg Mash	18.00	3.50	6.00	48.30			975U
Analysis	17.16	3.58	4.60	54.70	10.47	9.49	33T
Judd's Royal Brand 20% Protein Mixed Dairy Feed	20.00	3.50	11.00	45.00			975A3
Analysis	19.12	3.95	11.82	46.67	10.38	8.06	104T
<b>Kalmbach-Burckett Company, Inc., Shreveport, Louisiana.</b>							
Circle Brand Growing Mash	20.00	4.00	5.50	45.00			977I
Analysis <sup>404</sup>	20.50	4.64	7.01	47.51	11.25	9.09	357J
Circle Brand Starter Mash	18.50	4.00	5.50	49.00			977J
Analysis <sup>j</sup>	18.88	4.12	5.74	54.12	9.16	7.98	300J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>398</sup>Soybean oil meal found, not claimed. Deficient in ground limestone.<sup>399</sup>Soybean oil meal found, not claimed.<sup>400</sup>Deficient in ground limestone and salt.<sup>401</sup>Corn meal, milo meal, and ground wheat present.<sup>402</sup>Excess of salt found.<sup>403</sup>Peanut hulls, salt, and calcium carbonate present.<sup>404</sup>Deficient in salt.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Kansas Milling Company, The, Wichita, Kansas.</b>							
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	2072B
Analysis <sup>a</sup> .....	17.79	4.24	9.71	52.14	9.22	6.90	366K
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....	2072C
Analysis <sup>405</sup> .....	17.60	4.24	6.74	53.36	13.13	4.93	2A
Analysis <sup>j</sup> .....	16.42	3.59	5.35	58.27	12.69	3.68	10J
Analysis.....	14.55	2.28	3.90	63.93	12.34	3.00	71J
Analysis.....	15.71	2.95	5.54	59.89	12.10	3.81	285J
Analysis.....	17.49	4.38	5.79	58.06	9.85	4.45	582K
Analysis.....	16.59	3.47	5.00	60.00	11.07	3.87	41T
Analysis.....	14.87	2.70	4.36	62.43	12.33	3.31	96T
Analysis.....	15.51	3.23	5.77	59.95	11.60	3.94	348T
Tailor-Made Brand Sweet Feed.....	10.50	2.00	12.00	53.50	.....	.....	2072G
Analysis <sup>4408</sup> .....	18.90	3.90	15.80	40.54	8.18	12.68	373K
<b>Kay and Wood, Stephenville, Texas.</b>							
K & W Laying Mash.....	20.00	3.80	7.00	47.00	.....	.....	2029C
Analysis.....	20.33	4.86	5.88	50.22	9.83	8.88	16T
Analysis.....	19.16	4.89	6.96	49.66	9.85	9.48	37T
K & W Cow Feed.....	17.00	3.60	12.50	49.00	.....	.....	2029D
Analysis.....	17.65	4.21	13.51	47.03	10.50	7.10	36T
<b>Kearns Grain &amp; Seed Company, Amarillo, Texas.</b>							
Kearns Big K 30% Protein Supplement for Poultry.....	30.00	4.60	8.00	27.00	.....	.....	1036A3
Analysis <sup>407</sup> .....	32.29	6.44	5.99	31.01	6.48	17.79	562K
<b>Keith, O. W., Port Arthur, Texas.</b>							
Poultry Scratch Feed.....	10.00	2.50	3.50	69.00	.....	.....	1545D
Analysis <sup>408</sup> .....	11.25	2.65	2.14	69.37	13.04	1.55	277M
Our Special 18% Protein Dairy Feed.....	18.00	4.20	14.50	42.00	.....	.....	1545G
Analysis.....	17.43	5.46	11.37	45.12	11.74	8.88	276M
<b>Keith Feed Store, Big Spring, Texas.</b>							
More-Milk Brand Dairy Feed.....	15.20	3.00	11.50	51.50	.....	.....	147B
Analysis.....	16.24	3.23	10.20	53.75	9.13	7.45	82S
<b>Kelley Grain &amp; Hatchery, J. F., Burkburnett, Texas.</b>							
Kelley's Big "K" Egg Mash.....	18.00	3.50	6.50	50.00	.....	.....	2215P
Analysis.....	18.10	3.53	5.23	54.15	11.18	7.81	100T
Kelley's Best 16% Protein Dairy Feed.....	16.00	3.50	10.50	53.00	.....	.....	2215W
Analysis <sup>400</sup> .....	16.20	3.68	10.06	54.08	11.00	4.98	101T
Kelley's Best 24% Protein Dairy Feed.....	24.00	4.00	10.20	46.00	.....	.....	2215X
Analysis.....	24.00	4.56	9.56	46.38	10.41	5.09	99T
<b>Kellogg &amp; Sons, Inc., Spencer, Buffalo, New York, and Branches.</b>							
Kellogg's 41% Protein Soybean Oil Meal.....	41.00	3.50	7.00	29.00	.....	.....	823A
Analysis.....	44.40	3.95	5.70	29.37	10.08	6.50	29J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>405</sup>Wheat brown shorts and screenings.<sup>406</sup>Blank tags attached.<sup>407</sup>Excess of salt found.<sup>408</sup>Barley claimed, not found.<sup>409</sup>Excess of salt found.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Kemplin, John M.,</b> <b>Gainesville, Texas.</b>							
Hi-Lo Laying Mash.....	20.00	4.00	8.00	44.00	.....	.....	635H
Analysis <sup>410</sup> .....	22.63	5.06	5.52	45.46	9.62	11.71	56T
Chowmix 18% Protein Dairy Feed K.....	18.00	3.00	14.00	48.00	.....	.....	635Q
Analysis <sup>411</sup> .....	18.82	3.99	8.84	50.25	10.72	7.38	55T
<b>Kenedy Cotton Oil Mill,</b> <b>Kenedy, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	1002C
Analysis.....	42.76	5.77	11.96	26.33	7.90	5.28	7H
Analysis.....	43.95	5.94	10.18	27.54	7.08	5.31	34H
Analysis.....	42.76	5.66	11.79	26.64	7.87	5.28	150H
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	25.00	.....	.....	1002D
Analysis.....	44.89	5.61	10.43	26.23	7.57	5.27	28H
<b>Kimbell-Diamond Milling Company,</b> <b>Fort Worth, Texas, and Branches.</b>							
Liberty Dairy Feed.....	18.00	3.20	13.00	45.50	.....	.....	2328A
Analysis.....	19.72	4.10	12.38	47.16	9.55	7.09	242H
Analysis.....	23.28	4.22	9.25	46.44	9.35	7.46	276H
Analysis <sup>412</sup> .....	19.24	3.34	10.12	50.99	10.84	5.47	444H
Analysis <sup>413</sup> .....	21.89	3.75	9.85	48.05	10.38	6.08	111J
Analysis.....	19.48	3.46	10.42	49.71	10.40	6.53	124T
Analysis.....	16.55	3.78	15.43	46.62	11.84	5.78	94W
Wheat Bran and Screenings.....	16.00	3.50	10.00	53.00	.....	.....	2328B
Analysis <sup>414</sup> .....	15.87	4.84	9.86	54.08	9.20	6.15	191K
KB Egg Mash with Buttermilk and Cod Liver Oil.....	20.00	3.70	6.50	47.00	.....	.....	2328X
Analysis.....	20.18	4.20	6.45	50.17	10.45	8.55	464J
Analysis <sup>415</sup> .....	20.19	4.21	7.09	50.30	10.26	7.95	285T
KB Egg Mash.....	20.00	3.70	6.50	47.00	.....	.....	2328X
Analysis <sup>416</sup> .....	19.81	4.59	5.66	51.83	10.29	7.82	197W
KB Growing Mash.....	16.00	3.80	7.00	52.00	.....	.....	2328Y
Analysis <sup>417</sup> .....	17.52	3.58	4.86	57.27	10.50	6.27	418H
Analysis.....	15.35	3.27	4.11	62.55	9.66	5.06	238W
Liberty Horse and Mule Feed.....	9.50	2.40	10.00	53.00	.....	.....	2328A1
Analysis <sup>418</sup> .....	13.46	2.66	8.11	60.41	11.22	4.14	60J
Analysis <sup>419</sup> .....	12.30	3.11	8.68	58.33	11.93	5.65	300T
Analysis.....	11.35	2.90	7.15	60.76	11.54	6.30	87W
KB 30% Protein Supplement for Pigs and Hogs.....	30.00	3.50	7.00	34.00	.....	.....	2328A4
Analysis <sup>420</sup> .....	36.15	6.69	7.46	28.88	9.17	11.65	234J
Analysis.....	28.88	6.00	7.47	36.06	9.95	11.64	34W
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....	2328B1
Analysis.....	17.93	4.47	5.80	56.30	11.48	4.02	241T
Kimbell's 24% Protein Dairy Feed.....	24.00	3.70	11.50	41.00	.....	.....	2328B3
Analysis.....	25.33	3.98	9.17	43.33	9.73	8.46	25W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>410</sup>Registration canceled.<sup>411</sup>Deficient in ground limesone. Excess of salt found. Registration canceled.<sup>412</sup>Deficient in ground limestone and salt.<sup>413</sup>Linseed meal found, not claimed.<sup>414</sup>Short in weight. Even-weighted to 100 pounds net.<sup>415</sup>Cottonseed meal and ear corn chop with husk found, not claimed. limestone and salt.<sup>417</sup>Soybean oil meal found, not claimed.<sup>418</sup>Alfalfa meal claimed, not found. Ground peanut hay found, not claimed. Deficient in ground

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Kimbell-Diamond Milling Company</b> (Continued), Fort Worth, Texas, and Branches.							
Thrifty Brand Egg Mash	19.00	4.00	8.00	48.00			2328B5
Analysis	17.85	3.53	6.26	55.49	10.72	6.15	277H
Analysis	18.89	3.40	5.73	55.28	10.28	6.42	119J
Analysis <sup>418</sup>	18.85	3.70	6.86	54.49	9.43	6.67	425K
Analysis <sup>419</sup>	18.94	3.76	6.09	54.24	10.67	6.30	60W
Analysis <sup>a</sup>	19.05	3.76	5.85	54.49	10.47	6.38	67W
Thrifty Brand Egg Mash	18.00	3.50	7.50	47.00			2328B5
Analysis <sup>420</sup>	16.65	3.82	5.17	57.99	11.01	5.36	445H
Analysis	17.32	3.16	5.66	59.62	9.12	5.12	528S
KB All-Mash Starter	17.50	4.00	6.00	50.00			2328B8
Analysis <sup>a</sup>	18.39	3.63	5.45	55.75	10.06	6.72	349H
KB All-Mash Starter	16.00	3.80	6.00	52.00			2328B8
Analysis	16.70	3.43	4.86	57.57	10.20	7.24	476S
Kimbell's 5 Egg Mash	19.00	3.50	7.50	46.00			2328C9
Analysis <sup>421</sup>	19.07	3.50	6.08	54.14	9.80	7.41	72J
Kimbell's 5 Egg Mash	18.00	3.50	7.50	46.00			2328C9
Analysis	17.70	3.53	5.86	57.14	9.23	6.54	529S
Analysis <sup>422</sup>	18.10	3.89	6.07	55.50	10.61	6.33	190W
Kimbell's 5 Egg Mash Pellets	18.00	3.50	7.50	46.00			2328D5
Analysis <sup>422</sup>	17.37	3.98	6.29	58.19	9.08	5.09	463M
KB All-Mash Egg Ration with Butter-milk and Cod Liver Oil	15.50	3.50	6.00	53.00			2328F1
Analysis <sup>a</sup>	16.15	3.80	5.29	57.03	11.84	5.89	89J
Kimbell's 16% Protein Dairy Feed	16.00	3.00	11.00	49.50			2328H1
Analysis <sup>423</sup>	16.93	3.26	10.36	49.30	10.65	9.50	133H
Analysis <sup>424</sup>	17.72	3.37	11.71	50.65	9.59	6.96	49T
Analysis <sup>a</sup>	15.10	3.00	15.62	48.59	10.56	7.13	190T
Kimbell's 16% Protein Dairy Feed	16.00	3.00	15.00	49.50			2328H1
Analysis <sup>j</sup>	15.30	3.27	10.21	51.71	12.07	7.44	311H
Analysis <sup>425</sup>	22.23	3.93	12.21	47.69	7.93	6.01	502S
Analysis <sup>426</sup>	19.09	3.57	10.40	50.69	9.01	7.24	161W
Kimbell's "Victory" Cattle Feed Cubes	17.00	3.50	8.00	53.00			2328J5
Analysis	18.17	3.86	6.53	53.60	12.58	5.26	265S
<b>Kimbell Oil Mill, The,</b> Sherman, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			348C
Analysis	43.42	5.02	11.83	26.24	7.97	5.52	63T
Analysis	44.36	5.30	10.17	26.97	7.57	5.63	131T
Analysis <sup>a</sup>	42.17	5.71	11.57	26.93	7.20	6.42	76W
Kimco Mixed Feed	16.50	2.40	33.50	34.50			348D
Analysis <sup>k</sup>	14.85	1.96	32.67	39.15	8.02	3.35	64T
41% Protein Soybean Oil Meal	41.00	6.00	6.00	28.00			348F
Analysis	45.49	5.07	5.37	29.59	8.21	6.27	414J
<b>King Peanut Company, Inc.,</b> Abilene, Texas.							
Ground Peanut Screenings	14.00	6.00	21.00	41.00			2601A
Analysis	13.11	9.26	24.38	35.53	7.68	10.04	378S
<b>Kingsville Milling Company,</b> Kingsville, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1240Y
Analysis <sup>427</sup>	39.92	6.48	13.53	27.34	7.06	5.67	1240Y

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>418</sup>Peanut meal found, not claimed.<sup>419</sup>Deficient in salt.<sup>420</sup>Deficient in oyster shell. Excess of salt found.<sup>421</sup>Excess of salt found.<sup>422</sup>Deficient in oyster shell and salt.<sup>423</sup>Peanut hulls and ground limestone found, not claimed.<sup>424</sup>Soybean oil meal and linseed meal claimed, not found.<sup>425</sup>Cottonseed meal claimed, not found.<sup>426</sup>Ground peanut hay found, not claimed. Deficient in alfalfa meal.<sup>427</sup>Excess of cottonseed hulls and lint found.

**Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued**

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Knaur Feed Milling Company,</b> Denison, Texas.							
Knox-All Brand Chick Starter with Cod Liver Oil.....	16.00	3.50	6.00	48.50	.....	.....	260
Analysis <sup>a</sup> .....	20.34	5.18	5.82	50.48	10.05	8.13	205T
1943 Brand Cow Feed.....	16.50	3.70	9.30	50.60	.....	.....	26B6
Analysis <sup>428</sup> .....	19.21	3.66	7.35	53.99	9.53	6.26	479J
<b>Knight, J. L.,</b> Troup, Texas.							
Special Hog Feed.....	16.50	3.50	4.50	54.00	.....	.....	239G
Analysis <sup>429</sup> .....	16.63	3.94	2.99	58.96	10.65	6.83	82J
Analysis.....	16.96	4.75	4.77	55.88	9.45	8.19	245J
<b>Koym's Feed Store,</b> East Bernard, Texas.							
Chowmix All-Mash Growing Ration D.....	15.00	3.50	7.00	50.00	.....	.....	812A
Analysis <sup>430</sup> .....	17.86	5.00	4.22	57.39	10.69	4.84	125M
<b>Kraft Cheese Company,</b> Chicago, Illinois.							
Kraco Dried Cheese Whey.....	12.00	0.50	0.50	70.00	.....	.....	271A
Analysis <sup>k</sup> .....	13.21	.65	.17	70.67	6.67	8.63	103M
<b>Kubala Hatchery and Poultry Farm,</b> Schulenburg, Texas.							
Clipper Brand Laying Mash.....	18.00	3.60	5.60	48.00	.....	.....	1151A
Analysis.....	19.24	3.88	5.83	52.63	10.93	7.49	123M
Analysis.....	19.70	3.66	5.83	53.73	9.53	7.55	460M
Clipper Brand Growing Mash.....	19.00	3.50	7.30	50.20	.....	.....	1151C
Analysis.....	19.49	3.81	4.83	54.90	10.33	6.64	459M
Clipper Brand All-Mash Chick Starter.....	16.60	3.60	7.00	51.50	.....	.....	1151D
Analysis <sup>j</sup> .....	17.77	4.37	6.14	52.53	11.04	8.15	227M
<b>Lacy Coal Company, Inc., W. D.,</b> Waco, Texas.							
Lacy's 18% Protein Dairy Ration.....	18.00	3.60	19.00	43.50	.....	.....	199A
Analysis <sup>431</sup> .....	13.21	0.65	0.17	70.67	6.67	8.63	103M
<b>Lamar Cotton Oil Company, The,</b> Paris, Texas.							
Cottonseed Hulls and Cottonseed Meal.....	11.80	1.70	38.00	36.00	.....	.....	537A
Analysis.....	12.36	2.40	34.18	40.70	7.03	3.33	66J
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	537E
Analysis <sup>a</sup> .....	42.02	5.88	9.20	28.44	8.61	5.85	18J
Analysis.....	43.69	6.14	9.54	26.85	7.51	6.27	175J
Analysis.....	42.93	6.04	9.48	27.15	8.41	5.99	297J
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	25.00	.....	.....	537F
Analysis.....	43.87	5.43	10.07	26.56	7.76	6.31	233J
Lamar 22% Protein Dairy Feed.....	22.00	3.50	12.70	41.00	.....	.....	537L
Analysis.....	24.72	3.66	11.41	43.23	9.07	7.91	43J
Lamar Egg Mash.....	18.50	3.50	7.00	47.00	.....	.....	537O
Analysis.....	19.25	4.27	6.44	50.15	11.20	8.68	16J
Lamar Growing Mash.....	18.70	3.50	6.50	50.50	.....	.....	537S
Analysis <sup>432</sup> .....	18.88	4.12	4.28	55.63	10.94	6.15	461J
Lamar 41% Protein Soybean Oil Meal.....	41.00	4.70	7.00	29.00	.....	.....	537X
Analysis <sup>k</sup> .....	44.76	5.39	6.17	28.60	8.72	6.36	330J
Analysis <sup>k</sup> .....	45.49	5.29	5.82	28.44	8.78	6.18	401K
Lamar 20% Protein Dairy Feed.....	20.00	3.00	11.00	44.50	.....	.....	537Z
Analysis.....	23.64	3.32	9.28	47.75	8.27	7.74	495J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>428</sup>Soybean oil meal claimed, not found.<sup>429</sup>Kafir chop found, not claimed. Excess of salt found.<sup>430</sup>Peanut meal found, not claimed.<sup>431</sup>Rice hulls claimed, not found.<sup>432</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Lamesa Cotton Oil Company,</b> Lamesa, Texas.							
28% Protein Ground Whole-Pressed Cottonseed.....	28.00	4.50	23.00	29.00	.....	.....	339C
Analysis <sup>c</sup> .....	27.38	4.19	21.88	34.80	6.61	5.14	394K
Analysis <sup>c</sup> .....	26.94	7.85	20.29	33.45	6.54	4.93	216S
Analysis <sup>c</sup> .....	29.15	3.42	22.06	36.57	3.56	5.24	280S
Analysis <sup>c</sup> .....	27.10	4.65	22.67	33.45	7.04	5.09	339S
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....	339E
Analysis <sup>c</sup> .....	42.14	7.02	8.66	27.94	7.46	6.78	92K
Analysis <sup>c</sup> .....	41.61	6.49	9.41	29.42	7.24	5.83	288K
Analysis <sup>c</sup> .....	41.48	7.02	10.19	27.49	7.62	6.20	231S
Analysis <sup>c</sup> .....	41.60	6.65	10.05	28.15	7.32	6.23	237S
Analysis <sup>c</sup> .....	40.59	8.41	9.79	28.58	7.01	5.62	242S
43% Protein Cottonseed Pellets.....	43.00	5.20	12.00	23.00	.....	.....	339F
Analysis <sup>c</sup> .....	41.93	6.29	10.03	27.32	8.92	5.51	192K
Analysis <sup>c</sup> .....	43.09	6.84	10.69	26.28	7.11	5.99	O
Analysis <sup>c</sup> .....	42.18	6.60	9.96	27.40	7.79	6.07	P
<b>Lamkin Brothers,</b> Brownwood, Texas.							
Gilted Brand Growing Mash.....	16.50	3.50	8.00	52.00	.....	.....	1822B
Analysis <sup>433</sup> .....	16.33	3.21	5.15	61.69	10.80	2.82	421S
Gilted Brand Egg Mash.....	19.00	4.00	8.00	49.00	.....	.....	1822S
Analysis <sup>434</sup> .....	19.60	4.14	6.91	54.71	10.15	4.49	1S
Analysis <sup>435</sup> .....	19.19	3.58	6.09	55.89	10.17	5.08	196S
Analysis <sup>c</sup> .....	12.67	3.04	4.58	59.83	9.72	10.16	315S
Analysis <sup>436</sup> .....	14.82	2.30	5.06	63.45	9.56	4.81	559S
<b>Larowe Milling Company (Trade Name),</b> Division of General Mills, Inc., Detroit, Michigan.							
Dried Beet Pulp.....	7.00	0.30	22.50	48.00	.....	.....	1550A
Analysis.....	8.89	0.30	20.84	56.03	10.67	3.27	135M
<b>Lavaca Oil Company,</b> Hallettsville, Texas.							
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....	328B
Analysis.....	45.10	6.34	5.35	27.81	9.01	6.39	304M
<b>Lawrence Hatchery and Feed,</b> Wheeler, Texas.							
Lawrence's Best 38% Protein Supplement for Hogs.....	38.00	3.50	8.50	23.50	.....	.....	414F
Analysis.....	36.61	5.47	7.84	29.24	6.71	14.13	247K
Lawrence's Best 20% Protein Egg and Breeder Mash.....	20.00	4.50	6.50	46.00	.....	.....	414H
Analysis.....	19.96	4.95	5.94	52.00	9.18	7.97	457K
Lawrence's Best Pullet Developer.....	18.00	3.00	7.50	48.00	.....	.....	414L
Analysis <sup>437</sup> .....	18.75	3.58	7.32	51.61	9.44	9.30	34K
<b>Lawther Mills, W. J.,</b> Dallas, Texas.							
Lawther's Dairyman's Own-Mix.....	18.00	3.00	12.00	45.00	.....	.....	1268A
Analysis <sup>438</sup> .....	17.15	4.08	10.48	48.67	11.01	8.61	83W
Lawther's Dairyman's 16% Protein Own-Mix.....	16.00	3.00	12.00	48.00	.....	.....	1268A
Analysis <sup>439</sup> .....	17.92	2.84	11.28	47.42	10.94	9.60	248T
Analysis <sup>439</sup> .....	17.45	3.44	12.35	46.52	10.45	9.79	185W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>433</sup>Deficient in ground limestone.<sup>434</sup>Cottonseed meal found, not claimed. Meat and bone scraps claimed, not found. Deficient in oyster shell and salt.<sup>435</sup>Cottonseed meal found, not claimed.<sup>436</sup>Deficient in salt. Excess of oyster shell found.<sup>437</sup>Fish meal claimed, not found.<sup>438</sup>Soybean oil meal found, not claimed.<sup>439</sup>Cottonseed meal claimed, not found. Rice hulls found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Lawther Mills, W. J. (Continued), Dallas, Texas.</b>							
Sure-Nuff Brand Dairy Feed	18.00	3.00	13.00	44.50			1268G
Analysis	19.30	3.39	9.73	49.30	9.44	8.84	392S
Analysis <sup>440a</sup>	22.94	3.98	8.29	46.82	9.96	8.01	444S
Analysis <sup>440a</sup>	21.28	3.32	9.45	46.65	11.59	7.71	272T
Rolled Oat Groats	16.00	6.00	1.50	65.00			1268S
Analysis	16.35	6.65	1.98	61.96	11.11	1.95	111T
Sure-Nuff Brand Horse and Mule Feed	10.00	2.50	8.00	61.00			1268B7
Analysis <sup>441</sup>	11.17	3.35	5.40	62.00	13.60	4.48	165T
Analysis	12.32	2.97	7.38	60.15	12.39	4.79	315T
Queen-of-Dixie Brand Growing Mash	16.50	3.50	7.50	52.00			1268C2
Analysis <sup>442</sup>	18.67	3.75	5.13	56.06	10.10	6.29	439J
Analysis <sup>443</sup>	18.32	3.47	4.64	58.73	10.14	4.70	322T
Lawm Dairy Cow Feed	18.00	3.00	12.00	45.00			1268D2
Analysis	22.75	3.21	9.20	46.66	8.99	9.19	171K
Sure-Nuff Brand Big 5 Laying Mash							
Pellets	18.00	3.50	8.00	49.00			1268D6
Analysis <sup>444</sup>	21.33	3.93	5.75	53.33	9.03	6.63	500S
Analysis <sup>445</sup>	19.64	3.28	5.50	55.50	9.84	6.24	189W
Lawther's Complete All-Mash Growing Ration	16.00	3.50	7.00	50.00			1268D8
Analysis	20.06	3.89	5.64	54.49	10.51	5.41	192W
Lawm 29% Protein Supplement for Pigs	29.00	3.50	10.00	33.00			1268E2
Analysis <sup>444</sup>	30.02	3.60	6.45	40.90	8.82	10.21	504K
Sure-Nuff Brand Big 5 Laying Mash	20.00	3.50	8.00	45.00			1268E6
Analysis	22.52	3.07	7.35	49.16	9.40	8.50	58J
Queen-of-Dixie Brand Starting Feed	17.50	3.50	7.00	52.00			1268E7
Analysis <sup>445</sup>	18.24	3.22	5.29	57.33	9.49	6.43	403J
Analysis	19.69	3.26	5.04	55.88	9.70	6.43	441S
Sure-Nuff Brand Range Feed Cubes	16.30	2.60	8.00	52.00			1268E8
Analysis <sup>446</sup>	18.20	2.76	5.10	55.88	12.05	6.01	212S
Lawther's Complete Chick Ration (All-Mash Starter)	16.00	3.50	7.00	50.00			1268F7
Analysis <sup>447</sup>	17.75	2.93	6.68	56.10	10.12	6.42	335S
Queen-of-Dixie Brand Egg Laying Mash	19.00	3.80	7.00	50.00			1268G1
Analysis <sup>448</sup>	20.79	3.53	7.45	48.87	10.10	9.26	26J
Queen-of-Dixie Brand Egg Laying Mash	19.00	3.50	8.00	47.00			1268G1
Analysis <sup>449</sup>	19.32	3.79	6.30	54.76	10.04	5.79	472M
Analysis	18.57	2.79	6.59	55.95	9.32	6.78	223W
Queen-of-Dixie Brand Starting Feed							
Pellets	18.00	3.50	6.50	53.00			1268G9
Analysis <sup>449</sup>	18.88	4.04	6.19	54.67	9.53	6.69	339K
Lawm 9% Protein Sweet Feed	9.00	2.00	17.00	50.00			1268H8
Analysis	10.94	2.62	20.23	50.54	10.92	4.75	473M
Analysis	10.51	4.87	22.25	48.24	8.62	5.51	331T
Analysis	12.58	2.92	16.71	48.77	12.18	6.84	36W
<b>Leger Mill Company, Altus, Oklahoma.</b>							
Big J Laying Mash	18.00	3.70	7.00	46.00			109C
Analysis	17.93	4.43	6.51	52.78	10.04	8.31	344K
Analysis	18.12	4.31	6.50	53.38	9.66	8.03	181T
Wheat Chop	12.00	2.00	3.00	70.00			109K
Analysis <sup>447</sup>	14.69	1.95	2.77	66.12	12.51	1.96	509K
All-Mash Starter	17.00	3.50	6.00	45.00			109N
Analysis	21.88	5.66	6.48	47.43	9.45	9.10	276K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>440</sup>Cottonseed meal and linseed meal claimed, not found.<sup>441</sup>Linseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>442</sup>Excess of oyster shell found.<sup>443</sup>Deficient in oyster shell.<sup>444</sup>Cottonseed meal claimed, not found.<sup>445</sup>In pellet form.<sup>446</sup>Deficient in oyster shell.<sup>447</sup>Ground wheat. Short in weight. Even-weighted to 100 pounds net.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Leonard's Feed Mill,</b> Melissa, Texas.							
Milo Meal.....	10.00	2.50	3.00	70.00	.....	.....	616B
Analysis <sup>448</sup> .....	10.44	2.37	7.73	63.01	12.62	3.83	72T
<b>Lewisville Feed Mills,</b> Lewisville, Texas.							
Hi-Lo Egg Mash.....	18.00	3.50	8.00	49.00	.....	.....	989P
Analysis <sup>449</sup> .....	19.75	4.20	6.51	50.99	8.45	10.10	61T
Analysis.....	18.20	3.06	5.43	55.44	9.88	7.99	274T
<b>Liberty Mills,</b> San Antonio, Texas.							
Corn Bran.....	8.00	5.00	12.00	60.00	.....	.....	1C
Analysis.....	11.74	8.65	4.64	61.66	10.18	3.13	425H
Analysis.....	11.20	7.70	4.26	63.12	10.78	2.94	424M
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....	1E
Analysis.....	17.00	3.91	5.18	57.90	12.31	3.70	173M
Doo-Lay Brand Laying Mash.....	20.00	3.50	6.30	50.00	.....	.....	1G
Analysis <sup>450</sup> .....	20.07	3.46	4.99	55.56	10.36	5.56	53H
Analysis <sup>451</sup> .....	20.60	2.99	3.76	57.64	9.38	5.63	363H
Analysis.....	19.37	3.00	3.25	60.24	9.65	4.49	481H
Analysis.....	21.32	3.37	5.37	51.53	11.12	7.29	9W
Hearts Delight Brand 16% Protein Dairy Feed.....	16.00	3.00	10.00	50.00	.....	.....	1M
Analysis <sup>452</sup> .....	12.97	3.07	10.71	55.62	10.37	7.26	418M
Boss Brand Sweet Feed.....	10.00	2.00	9.00	56.50	.....	.....	1U
Analysis <sup>453</sup> .....	11.49	2.59	7.15	57.26	11.99	9.52	22H
Analysis <sup>454</sup> .....	11.38	2.10	11.44	48.69	9.64	16.75	396H
Hearts Delight Brand Growing Mash with Buttermilk and Cod Liver Oil.....	16.00	4.00	4.50	57.00	.....	.....	1X
Analysis <sup>a</sup> .....	14.66	3.18	4.11	62.59	10.94	4.52	318H
Hearts Delight Brand Growing Mash.....	16.00	4.00	4.50	57.00	.....	.....	1X
Analysis <sup>1455</sup> .....	15.50	2.98	3.47	63.43	11.48	3.14	417M
Hearts Delight Brand Breeding and Laying Mash.....	19.50	3.60	7.80	49.00	.....	.....	1A7
Analysis <sup>1456</sup> .....	18.80	3.19	3.88	57.97	10.09	6.07	302H
Liberty Special Laying Mash.....	18.00	3.50	6.00	50.50	.....	.....	1B1
Analysis <sup>457</sup> .....	18.50	3.16	4.85	57.47	10.60	5.42	56H
Analysis <sup>458</sup> .....	18.90	2.99	3.97	57.05	11.49	5.60	89H
Analysis <sup>459</sup> .....	17.50	4.33	3.99	59.22	10.38	4.58	390H
Analysis.....	17.75	3.98	4.62	55.87	11.10	6.68	1W
Liberty Special Laying Mash Pellets.....	18.00	3.50	6.00	50.50	.....	.....	1B7
Analysis <sup>459</sup> .....	17.82	2.98	4.24	57.34	11.88	5.74	265H
Analysis <sup>459</sup> .....	17.94	2.97	3.20	60.59	10.53	4.77	364H

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>448</sup>Alfalfa meal present.<sup>449</sup>Fish meal claimed, not found. Shrimp meal found, not claimed.<sup>450</sup>Deficient in salt. Excess of ground limestone found.<sup>451</sup>Excess of ground limestone found.<sup>452</sup>Cottonseed meal claimed, not found. Peanut meal found, not claimed.<sup>453</sup>Excess of salt found.<sup>454</sup>Cottonseed meal claimed, not found. Sudan grass seed found, not claimed.<sup>455</sup>Soybean oil meal and peanut meal found, not claimed.<sup>456</sup>Wheat germ meal found, not claimed.<sup>457</sup>Deficient in ground limestone and salt.<sup>458</sup>Deficient in salt.<sup>459</sup>Deficient in ground limestone.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Liberty Mills (Continued),</b> San Antonio, Texas.							
Doo-Lay Brand 34% Protein Laying Mash Concentrate.....	34.00	5.00	6.00	24.00	.....	.....	1B9
Analysis <sup>400</sup> .....	36.19	4.36	5.93	30.70	8.39	14.43	55H
Analysis.....	33.52	4.18	6.03	34.79	9.71	11.77	10W
Hearts Delight Brand 18% Protein Dairy Feed.....	18.00	3.00	10.00	46.00	.....	.....	1C2
Analysis <sup>408</sup> .....	19.86	3.11	7.76	50.27	10.62	8.38	156H
Hearts Delight Brand 24% Protein Dairy Feed.....	24.00	3.00	10.00	42.00	.....	.....	1C3
Analysis <sup>407</sup> .....	24.90	4.16	8.68	44.73	9.59	7.94	159H
Analysis <sup>407</sup> .....	23.62	3.74	5.75	50.20	10.06	6.63	473H
Analysis.....	22.21	3.88	8.92	46.98	9.98	8.03	2W
Hearts Delight Brand All-Mash Starter with Buttermilk and Cod Liver Oil.....	17.50	4.00	6.00	48.00	.....	.....	1C4
Analysis <sup>401</sup> .....	17.98	3.15	4.62	59.73	10.49	4.03	291H
Analysis <sup>401</sup> .....	17.94	3.49	3.97	58.51	11.15	4.94	330H
Hearts Delight Brand All-Mash Starter. Analysis <sup>402</sup> .....	17.50	4.00	6.00	48.00	.....	.....	1C4
Analysis.....	17.25	3.46	3.46	61.11	10.53	4.19	395H
Hearts Delight Brand Chick Starter Pellets.....	17.00	4.00	5.00	51.00	.....	.....	1C6
Analysis <sup>401</sup> .....	16.66	3.46	3.99	59.85	10.47	5.57	416M
Hearts Delight Brand 16% Protein Cattle and Sheep Pellets.....	16.00	2.50	9.00	50.00	.....	.....	1D3
Analysis <sup>408</sup> .....	18.04	3.21	7.45	54.34	9.82	7.14	171S
Hearts Delight Brand Hog Feed.....	14.00	3.00	7.50	55.50	.....	.....	1F5
Analysis <sup>404</sup> .....	15.54	4.33	4.81	58.89	9.89	6.54	54H
Analysis <sup>405</sup> .....	18.83	3.26	3.65	57.04	10.79	6.43	177W
Hearts Delight Brand 38% Protein Supplement for Hogs.....	38.00	4.70	8.80	20.00	.....	.....	1H1
Analysis <sup>400</sup> .....	33.23	8.18	8.38	26.92	8.44	14.85	158H
<b>Light Grain &amp; Milling Company, The,</b> Liberal, Kansas.							
Wheat Gray Shorts.....	17.00	4.00	5.50	55.00	.....	.....	152A
Analysis.....	16.73	4.27	5.13	59.04	11.21	3.62	12K
Wheat Bran and Scourings.....	14.50	3.00	10.00	53.00	.....	.....	152B
Analysis.....	15.40	3.99	8.89	55.30	9.48	6.94	19K
Red Diamond Calf Meal.....	19.00	3.00	5.00	53.00	.....	.....	152E
Analysis.....	20.54	3.02	3.66	57.90	8.83	6.05	549K
Red Diamond Chick Starter Mash.....	18.50	4.50	5.80	52.90	.....	.....	152K
Analysis.....	17.45	4.17	6.32	53.82	9.69	8.55	352K
Red Diamond Egg Mash.....	19.00	3.50	6.00	50.00	.....	.....	152L
Analysis.....	16.96	3.64	5.74	57.67	9.02	6.97	471K
Enner-Jee Brand Egg Mash.....	18.00	3.60	6.60	49.00	.....	.....	152N
Analysis <sup>407</sup> .....	14.56	2.73	6.00	58.79	11.11	6.81	23K
Analysis <sup>407</sup> .....	14.13	3.12	5.95	59.03	9.87	7.90	244K
Enner-Jee Brand Egg Mash.....	18.00	3.60	7.00	49.00	.....	.....	152N
Analysis <sup>408</sup> .....	14.45	3.08	5.17	60.78	9.45	7.07	545K
Red Diamond Growing Mash.....	17.00	4.30	6.00	54.50	.....	.....	152P
Analysis <sup>407</sup> .....	17.78	4.18	5.90	54.69	9.97	7.48	360K
Red Diamond 24% Protein Dairy Feed.....	24.00	3.00	12.50	40.00	.....	.....	152T
Analysis.....	18.14	3.30	12.16	50.22	9.49	6.69	372K
Analysis <sup>400</sup> .....	24.16	4.00	11.73	42.16	8.66	9.29	548K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>400</sup>Excess of ground limestone and salt.<sup>401</sup>Soybean oil meal found, not claimed.<sup>402</sup>Deficient in ground limestone. Excess of salt found.<sup>403</sup>In ground condition.<sup>404</sup>Excess of salt found.<sup>405</sup>Cottonseed meal claimed, not found.<sup>406</sup>Deficient in salt.<sup>407</sup>Fish meal claimed, not found.<sup>408</sup>Soybean oil meal and corn gluten feed found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Light Grain &amp; Milling Co., The (Cont.), Liberal, Kansas.</b>							
Enner-Jee Brand Mixed Feed .....	12.50	2.00	22.50	42.00	.....	.....	152U
Analysis <sup>470</sup> .....	13.35	1.74	14.39	48.77	11.44	10.31	15K
Red Diamond 33% Protein Poultry Mash Concentrate .....	33.00	4.00	8.00	22.00	.....	.....	152B7
Analysis <sup>471</sup> .....	25.14	5.52	11.93	32.41	7.05	17.95	567K
Red Diamond 36% Protein Supplement for Hogs .....	36.00	4.00	6.20	22.00	.....	.....	152C4
Analysis .....	39.14	2.51	8.85	27.10	8.10	14.30	354K
<b>Lin-Oak Feed Company, Houston, Texas.</b>							
Health Brand Scratch Feed .....	10.00	3.00	3.50	70.00	.....	.....	665C
Analysis .....	10.15	2.64	1.97	70.44	13.71	1.09	148M
<b>Little York Feed Store, Houston, Texas.</b>							
Nick's Special Dairy Ration .....	16.00	3.50	20.00	37.00	.....	.....	743A
Analysis .....	16.75	5.17	18.75	39.07	10.42	9.84	140M
<b>Lochte Storage &amp; Commission Company, Fredericksburg, Texas.</b>							
Guffy Brand Cow Feed .....	19.00	4.00	11.00	49.00	.....	.....	2547C
Analysis <sup>472</sup> .....	19.18	4.53	10.64	49.71	10.11	5.83	462H
<b>Logan Feed &amp; Hatchery, Big Spring, Texas.</b>							
Milo Head Chop .....	8.50	2.50	8.00	65.00	.....	.....	858A
Analysis <sup>473</sup> .....	8.52	2.13	6.62	67.15	11.39	4.19	94K
24% Protein Dairy Feed .....	24.00	4.00	10.50	42.00	.....	.....	858G
Analysis <sup>474</sup> .....	27.79	4.80	9.22	42.29	9.29	6.61	26S
Logan's All-Mash Chick Starter .....	17.00	3.50	7.00	50.00	.....	.....	858X
Analysis <sup>475</sup> .....	18.23	4.76	4.88	52.62	11.04	8.47	276S
Big 9 Brand Laying Mash .....	20.50	3.60	6.50	44.00	.....	.....	858A1
Analysis <sup>476</sup> .....	23.64	5.31	5.29	45.20	9.29	11.27	81S
Analysis <sup>477</sup> .....	21.27	5.34	6.16	44.69	8.77	13.77	210S
<b>Longview Cotton Oil Company, Longview, Texas.</b>							
41% Protein Cottonseed Meal .....	41.00	5.00	12.00	25.00	.....	.....	604K
Analysis .....	42.10	6.11	9.32	27.52	8.50	6.45	28J
Analysis .....	41.54	6.22	10.60	27.46	8.53	5.85	132J
41% Protein Soybean Oil Meal .....	41.00	4.50	7.00	29.00	.....	.....	604M
Analysis <sup>k</sup> .....	43.86	6.60	5.77	29.37	8.78	5.62	347J
<b>Lovitt &amp; Company, L. B., Memphis, Tennessee.</b>							
"Lovit Brand" 41.12% Protein Ground Cottonseed Feed .....	41.12	5.00	14.00	26.00	.....	.....	1350B
Analysis .....	41.24	5.26	10.11	27.52	8.87	7.00	5J
<b>Lubbock Cotton Oil Company, Lubbock, Texas.</b>							
Lucko Brand 43% Protein Cottonseed Meal .....	43.00	5.20	12.00	25.00	.....	.....	372B
Analysis .....	44.23	5.95	9.49	27.62	6.73	5.98	90K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>468</sup>Cottonseed meal claimed, not found.<sup>470</sup>Soybean oil meal and milo meal found, not claimed. Excess of ground limestone and salt found.<sup>471</sup>Deficient in ground limestone.<sup>472</sup>Deficient in ground oyster shell.<sup>473</sup>Dirt present. Short in weight. Even-weighted to 100 pounds net.<sup>474</sup>Linseed meal claimed, not found.<sup>475</sup>Linseed meal claimed, not found. Deficient in ground whole oats.<sup>476</sup>Excess of oyster shell found.<sup>477</sup>Excess of oyster shell and salt found.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Lufkin Milling Company,</b> Lufkin, Texas.							
Hen Scratch Grain.....	10.00	3.00	3.50	68.00			672D
Analysis.....	11.95	2.50	2.16	69.33	12.53	1.53	287M
Laying Mash.....	20.00	4.00	7.00	47.00			672F
Analysis.....	21.49	5.16	5.22	50.13	10.24	7.76	160M
<b>Lynch Feed &amp; Fuel, Shuck,</b> Fort Worth, Texas.							
"Cow-Joy" Brand Ground Whole Oats, Ear Corn Chop with Husk, Milo Chop, Milo Head Chop, Cottonseed Hulls, and Peanut Hulls.....	8.00	2.20	22.60	53.30			941I
Analysis <sup>478</sup> .....	8.29	2.30	19.64	53.00	9.64	7.13	130T
<b>Lysle Milling Company, The J. C.,</b> Leavenworth, Kansas.							
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00			196D
Analysis.....	16.60	3.41	4.12	59.77	12.21	3.89	277J
White Crest Wheat Gray Shorts.....	16.00	3.50	6.00	55.00			196G
Analysis.....	15.94	3.29	4.30	61.09	11.94	3.44	174J
<b>McAdams, T. J.,</b> Celina, Texas.							
Cel-Tex Egg Mash.....	19.50	3.70	8.00	47.70			1729F
Analysis <sup>479</sup> .....	21.19	4.34	7.25	48.91	10.50	7.81	154T
<b>McClung, W. A.,</b> Edna, Texas.							
Growing Mash.....	19.00	4.00	7.00	48.00			1434A
Analysis.....	21.56	4.83	5.67	48.62	11.09	8.23	165M
Laying Mash.....	20.30	3.70	8.00	45.50			1434B
Analysis.....	22.16	4.47	7.32	47.55	10.06	8.44	164M
<b>McCulloch County Cotton Oil Mill,</b> Brady, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00			1047D
Analysis.....	43.50	6.31	10.30	26.84	7.40	5.65	61W
Cotton Bloom Brand 44% Protein Supplement for Hogs.....	44.00	6.50	10.00	16.50			1047K
Analysis.....	44.56	6.50	11.14	18.11	7.60	14.09	110S
Analysis.....	43.27	7.01	11.66	19.11	6.19	12.76	417S
Analysis.....	44.02	6.66	11.90	16.34	7.18	13.90	64W
Cotton Bloom Brand Laying Mash.....	21.00	4.00	7.00	44.00			1047R
Analysis.....	19.80	3.58	6.51	52.56	10.32	7.23	465S
Cotton Bloom Brand 18% Protein Dairy Feed.....	18.00	3.50	10.50	44.00			1047S
Analysis.....	18.78	3.55	13.74	44.73	9.32	9.88	301S
Cotton Bloom Brand 24% Protein Dairy Feed.....	24.00	4.00	10.50	38.00			1047T
Analysis <sup>479</sup> .....	24.19	4.20	9.18	42.21	8.76	11.46	416S
Consumer's Special Egg Mash.....	18.00	4.00	6.00	56.00			1047A1
Analysis.....	17.47	3.69	5.98	54.65	10.65	7.56	109S
Analysis.....	18.30	3.69	5.41	56.38	8.93	7.29	217W
Consumer's Special Egg Mash Pellets.....	18.00	4.00	6.00	56.00			1047A2
Analysis.....	18.62	3.86	5.32	54.61	10.46	7.13	62W
Cotton Bloom Brand 32% Protein Concentrate for Laying Hens.....	32.00	5.00	7.00	27.00			1047A5
Analysis.....	32.00	4.89	7.09	36.62	7.86	11.54	516S
Cotton Bloom Brand Turkey All-Mash Laying Ration Pellets.....	17.00	3.50	7.50	50.00			1047B3
Analysis.....	20.22	4.36	6.65	49.18	9.47	10.12	302S

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>478</sup>Rice bran and rice hulls present.<sup>479</sup>Soybean oil meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>McCulloch Co. Cotton Oil Mill (Cont.), Brady, Texas.</b>							
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	52.00	.....	.....	1047B5
Analysis <sup>480</sup> .....	19.72	4.10	5.04	53.61	10.44	7.09	466S
Cotton Bloom Brand Growing Mash.....	18.50	4.00	5.50	53.00	.....	.....	1047B6
Analysis.....	18.92	4.85	5.08	53.47	11.33	6.35	370S
Cotton Bloom Brand Starter and Broiler Mash.....	18.50	4.00	5.50	53.00	.....	.....	1047B7
Analysis.....	20.95	5.03	5.46	51.75	10.30	6.51	369S
Cotton Bloom Brand Turkey Growing Mash.....	20.00	3.80	7.50	47.00	.....	.....	1047B8
Analysis.....	24.14	5.17	6.75	47.39	8.00	8.55	517S
Cotton Bloom Brand 20% Protein Range Feed.....	.....	.....	.....	.....	.....	.....	.....
Analysis <sup>481</sup> .....	21.43	5.06	10.96	44.47	9.22	8.86	295S1
<b>McIver Feed &amp; Milling Company, San Antonio, Texas.</b>							
50% Protein Meat and Bone Meal.....	50.00	6.00	3.00	0.00	.....	.....	1725F
Analysis <sup>o</sup> .....	47.96	12.28	1.60	1.00	6.20	30.96	79H
Analysis.....	47.68	11.08	1.51	1.06	6.81	31.86	81H
Analysis.....	47.33	11.80	1.93	.72	9.02	29.20	110H
Analysis <sup>o</sup> .....	47.93	11.60	1.91	.03	6.67	31.86	118H
Analysis <sup>o</sup> .....	46.77	14.22	1.84	2.50	6.98	27.69	179H
Analysis <sup>o</sup> .....	48.54	11.16	1.85	.00	5.53	32.92	84M
45% Protein Meat and Bone Meal.....	45.00	6.00	3.00	0.00	.....	.....	1725L
Analysis.....	47.45	10.06	2.82	4.45	6.99	28.23	427H
Analysis.....	47.30	10.28	2.78	4.07	7.42	28.15	446M
48% Protein Meat and Bone Meal.....	48.00	6.00	3.00	0.00	.....	.....	1725A6
Analysis <sup>o</sup> .....	47.29	12.10	1.49	.22	6.28	32.62	39H
Analysis <sup>o</sup> .....	45.55	14.22	1.98	1.09	7.14	30.02	258H
Analysis <sup>o</sup> .....	45.35	13.01	2.13	.18	7.24	32.09	266H
Analysis.....	49.19	11.28	2.46	1.17	6.75	29.15	282H
Analysis <sup>o</sup> .....	46.98	11.85	1.82	2.65	7.25	29.45	172M
Analysis <sup>o</sup> .....	46.37	11.63	2.22	1.29	7.15	31.34	264M
Analysis <sup>o</sup> .....	45.10	16.32	2.38	.93	7.32	27.95	305M
Analysis.....	46.61	11.03	2.43	.43	6.79	32.71	115W
<b>Maddox Feed Store, Gordon, Texas.</b>							
Dairy Feed.....	15.50	3.50	10.60	52.00	.....	.....	2520E
Analysis.....	13.48	2.87	8.47	61.48	10.62	3.08	102T
Utility Brand Egg Mash.....	19.50	3.50	6.00	52.50	.....	.....	2520M
Analysis <sup>482</sup> .....	19.20	3.36	5.49	55.36	10.05	6.54	327T
<b>Magnolia Provision Company, Houston, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	719A
Analysis <sup>o</sup> .....	41.37	7.36	9.88	26.36	8.48	6.55	198H
Analysis <sup>o</sup> .....	41.05	7.20	10.33	26.31	9.13	5.98	199H
Magnolia Brand 28% Protein Whole-Pressed Cottonseed Cubes.....	28.00	5.00	23.00	29.00	.....	.....	719G
Analysis.....	28.03	4.78	23.24	31.48	8.03	4.44	128M
Magnolia Brand 41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....	719I
Analysis <sup>o</sup> .....	43.51	5.23	5.78	30.01	9.10	6.37	333H
Analysis.....	44.35	5.65	5.41	27.58	11.06	5.95	255M
Analysis.....	43.64	5.94	5.24	29.33	10.07	5.78	266M
Magnolia Brand Cottonseed Meal and Soybean Oil Meal—Cubed.....	43.00	5.00	9.00	25.00	.....	.....	719K
Analysis <sup>o</sup> .....	40.20	7.02	9.00	24.21	13.58	5.99	317M
22% Protein Babassu Oil Meal.....	22.00	5.00	12.00	40.00	.....	.....	719M
Analysis <sup>4a</sup> .....	23.00	6.54	11.38	46.77	7.12	5.19	520M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>480</sup>Peanut meal found, not claimed.<sup>481</sup>Manufacture discontinued.<sup>482</sup>Alfalfa meal and peanut hulls found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Mareks Hatchery,</b> Columbus, Texas. Breeder Laying Mash.....	20.00	3.50	7.00	49.00	.....	.....	1649C
Analysis <sup>483</sup> .....	20.78	5.77	6.80	47.92	9.74	8.99	124M
<b>Marlin Oil Company, The,</b> Marlin, Texas. 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	514F
Analysis <sup>c</sup> .....	42.29	6.23	11.07	26.26	8.12	6.03	112H
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	514G
Analysis.....	44.97	6.17	8.55	26.66	8.00	5.65	59T
Analysis.....	43.40	7.10	8.98	26.57	8.36	5.59	4W
Analysis.....	45.14	6.33	9.55	24.92	8.40	5.66	19W
Analysis.....	43.33	6.81	10.23	25.94	7.97	5.72	74W
Analysis.....	42.80	6.95	10.71	25.38	8.14	6.02	233W
<b>Marquez, Secundino,</b> Eagle Pass, Texas. Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	735B
Analysis.....	16.57	4.85	5.63	55.30	11.41	4.24	46H
Analysis <sup>484e</sup> .....	16.73	4.68	7.88	54.74	11.04	4.93	103H
Analysis.....	17.18	4.10	5.36	56.61	12.52	4.23	253H
<b>Marshall Cotton Oil Company,</b> Marshall, Texas. 41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00	.....	.....	1720A
Analysis.....	41.49	5.59	11.01	29.20	6.76	5.95	241J
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....	1720B
Analysis.....	41.27	5.97	10.49	28.30	7.65	6.32	33J
Analysis.....	42.34	6.14	9.88	27.49	8.21	5.94	136J
Analysis.....	42.03	5.55	10.32	28.61	7.29	6.20	395J
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....	1720D
Analysis.....	44.48	5.85	5.45	29.67	8.42	6.13	250J
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1720F
Analysis.....	43.42	5.63	9.17	27.63	7.57	6.58	442J
Moco Mixed Feed.....	11.80	1.70	38.00	36.00	.....	.....	1720N
Analysis.....	10.68	1.95	36.44	39.08	8.63	3.22	140J
<b>Marshall Mill &amp; Elevator Company,</b> Marshall, Texas. Acorn Horse and Mule Feed, Heavy with Corn.....	10.00	2.60	7.30	62.20	.....	.....	250P
Analysis.....	11.74	3.88	5.26	61.91	13.61	3.60	286J
Analysis <sup>485</sup> .....	11.91	3.68	6.11	59.80	14.19	4.31	327M
Texla Horse and Mule Feed.....	9.00	2.00	12.80	56.00	.....	.....	250Q
Analysis <sup>486</sup> .....	14.00	3.67	8.99	56.68	11.39	5.27	468M
Texas Sweet Stock Feed.....	9.00	2.00	15.00	55.00	.....	.....	250S
Analysis.....	12.72	2.90	10.01	56.04	11.69	6.64	24J
Acorn 24% Protein Dairy Feed.....	24.00	4.50	10.00	43.00	.....	.....	250T
Analysis <sup>487</sup> .....	25.56	4.79	7.01	47.38	9.35	5.91	410H
Analysis.....	24.15	4.41	8.86	44.27	11.23	7.08	2J
Analysis <sup>487</sup> .....	26.77	5.27	8.03	41.88	11.18	6.87	184J
Analysis.....	27.85	4.91	9.93	40.75	9.73	6.83	292J
Analysis.....	27.40	5.60	10.13	40.33	10.10	6.44	15W
Analysis.....	27.24	4.73	7.61	43.40	10.06	6.96	131W
Texla 16% Protein Dairy Feed.....	16.00	3.10	13.70	47.60	.....	.....	250V
Analysis.....	19.58	4.04	10.89	47.70	10.31	7.48	129J
Analysis <sup>e</sup> .....	16.00	5.01	7.15	53.98	11.09	6.77	471J
Acorn Laying Mash.....	20.00	4.00	6.50	47.50	.....	.....	250Y
Analysis <sup>488</sup> .....	21.86	4.74	6.19	46.89	9.75	10.57	290J

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>483</sup>Rice bran found, not claimed.<sup>484</sup>Wheat mixed feed.<sup>485</sup>Registration canceled.<sup>486</sup>Linseed meal found, not claimed.<sup>487</sup>Deficient in ground limestone.<sup>488</sup>Rice bran found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	
<b>Marshall Mill &amp; Elev. Co. (Continued),</b> Marshall, Texas.						
Acorn Poultry Yellow Corn Grits	9.00	2.00	1.80	70.00		250A4
Analysis	9.87	2.85	1.55	72.78	11.90	144J
Acorn Poultry Fattener	14.50	4.50	7.00	56.50		250A6
Analysis	15.94	4.32	6.23	60.16	9.74	363J
Acorn Starting Mash	18.00	4.40	5.30	48.00		250A8
Analysis	21.27	4.64	5.06	48.63	10.56	260J
Acorn Growing Mash	18.00	4.00	5.00	51.50		250B1
Analysis	19.65	4.35	4.12	52.27	9.81	448J
Texla Laying Mash	19.40	3.80	7.80	46.00		250B4
Analysis <sup>489</sup>	19.06	3.88	6.47	54.81	9.61	409H
Analysis <sup>490</sup>	21.57	3.90	5.85	50.08	10.63	87J
Analysis	21.24	4.26	6.38	50.59	10.11	31W
Acorn Hominy Feed	10.00	6.00	7.00	60.00		250B6
Analysis	11.40	8.52	6.62	58.43	11.51	188J
Special 18% Protein Dairy Feed	18.00	4.00	14.00	43.00		250C4
Analysis <sup>491</sup>	19.70	4.75	10.79	45.97	11.20	153J
Special Five Laying Mash	20.50	3.50	7.40	44.60		250C6
Analysis	21.57	4.39	6.27	46.39	9.43	98J
Analysis	20.50	4.24	7.10	48.36	9.79	320J
Acorn 36% Protein Supplement for Hogs	36.00	4.30	6.70	27.00		250D7
Analysis <sup>492</sup>	37.54	5.11	6.00	23.76	7.89	194J
Analysis	35.28	3.82	5.72	31.03	9.68	27W
Texla Laying Mash Pellets	19.40	3.80	7.80	46.00		250F1
Analysis	19.06	4.54	6.11	53.18	10.46	362J
Analysis <sup>493</sup>	19.21	3.47	5.57	55.82	8.42	514J
Analysis <sup>493</sup>	20.21	4.52	6.42	55.78	7.18	257W
Texla All-Mash Laying Feed Pellets (Poultry Laying Ration)	16.00	3.40	6.00	52.00		250F2
Analysis	18.48	4.05	4.84	53.67	10.88	8.08
Acorn Broiler Mash	18.00	4.00	6.40	51.00		250G1
Analysis	19.10	4.87	5.57	53.41	9.99	7.06
Special Growing Mash	17.50	3.50	6.50	52.00		250G3
Analysis	20.35	3.83	5.86	53.65	9.33	6.98
Acorn 34% Protein Egg Mash Supplement	34.00	4.40	6.30	24.40		250H3
Analysis	37.51	3.27	5.51	25.06	9.32	19.33
Acorn Calf Meal Pellets	20.80	4.00	6.00	50.00		250H5
Analysis	21.02	4.40	5.31	49.14	9.23	10.90
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00		250H6
Analysis	43.24	5.54	7.91	28.41	8.23	6.67
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00		250I3
Analysis	41.21	5.42	10.09	27.72	8.62	6.94
Acorn Stock Feed	12.50	2.50	4.60	61.40		250I4
Analysis	14.25	2.79	3.96	61.66	12.59	4.75
Analysis	13.40	2.89	3.78	64.26	11.95	3.72
<b>Martin Feed Mill,</b> Nocona, Texas.						
Nocona Dairy Feed No. 3	19.00	4.00	11.00	47.00		2372K
Analysis	20.02	4.51	8.28	50.65	11.18	5.36
<b>Martin-Lane Company,</b> Vernon, Texas.						
Martin's Big Vee Brand Laying Mash	18.50	3.50	6.00	45.50		1902F
Analysis	21.67	3.11	5.24	50.01	10.47	9.50
Crown Quality Brand Growing Mash	17.80	3.50	5.50	51.00		1902H
Analysis	18.29	4.54	5.39	53.07	10.55	8.16
Crown Quality Brand Laying Mash	20.00	3.50	6.50	45.00		1902J
Analysis	19.01	4.78	6.50	51.68	9.72	8.31

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>489</sup>Deficient in oyster shell and salt.<sup>490</sup>Deficient in oyster shell.<sup>491</sup>Rice bran found, not claimed.<sup>492</sup>Excess of salt found.<sup>493</sup>Deficient in oyster shell.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Martin-Lane Company, (Continued), Vernon, Texas.</b>							
Bunk-O Cow Feed.....	16.00	2.80	17.50	45.00	.....	.....	1902K
Analysis <sup>494</sup> .....	19.63	3.95	12.48	47.88	9.34	6.72	39K
Analysis.....	14.99	2.90	12.38	52.90	10.58	6.25	29T
Analysis <sup>495</sup> .....	15.18	3.06	12.21	47.99	11.82	9.74	115T
Analysis <sup>a</sup> .....	15.93	3.15	12.35	48.91	10.85	8.81	487S
Analysis.....	15.48	3.04	10.39	51.39	11.54	8.16	31T
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	1902Q
Analysis <sup>a</sup> .....	15.09	2.19	27.65	38.12	8.53	8.42	544S
Analysis <sup>a</sup> .....	12.54	1.24	33.10	37.26	8.99	6.87	87T
<b>Vernon's Pride Brand 17% Protein Cattle Feed Cubes</b> .....	17.00	3.00	11.00	49.00	.....	.....	1902V
Analysis <sup>496</sup> .....	16.25	3.36	8.31	57.52	9.45	5.11	451K
<b>Trail Driver 9% Protein Sweet Feed</b> .....	9.00	1.80	15.00	53.50	.....	.....	1902W
Analysis <sup>496</sup> .....	17.00	3.70	13.03	46.38	11.57	8.32	70K
Analysis <sup>497</sup> .....	12.35	2.11	15.80	48.55	12.01	9.18	12S
Analysis <sup>497</sup> .....	12.85	2.52	15.57	50.31	11.07	7.68	4T
Analysis <sup>497</sup> .....	10.19	2.25	11.45	53.95	13.00	9.16	60T
<b>Chisholm Trail 17% Protein Cattle Feed Cubes</b> .....	17.00	3.00	10.00	51.00	.....	.....	1902A1
Analysis <sup>498</sup> .....	16.71	3.21	8.82	55.45	9.59	6.22	53T
<b>Milker Brand 24% Protein Dairy Ration</b> .....	24.00	3.00	18.00	34.00	.....	.....	1902A2
Analysis.....	24.16	3.19	12.31	40.69	10.08	9.57	249K
Analysis <sup>499</sup> .....	19.23	2.91	15.76	43.45	10.87	7.78	348K
<b>Full-Pail Brand 20% Protein Dairy Ration</b> .....	20.00	2.50	19.00	38.00	.....	.....	1902B4
Analysis <sup>500j</sup> .....	15.34	2.65	13.89	36.03	23.95	8.14	37K
Analysis <sup>j b501 e</sup> .....	19.50	3.06	16.49	42.57	10.73	7.65	140K
<b>Full-Pail Brand 18% Protein Dairy Ration</b> .....	18.00	2.50	20.00	39.00	.....	.....	1902B4
Analysis.....	16.09	2.82	15.03	47.79	10.23	8.04	421K
<b>Crown Quality Brand Laying Mash Pellets</b> .....	19.50	3.50	5.50	49.00	.....	.....	1902B7
Analysis <sup>j b502</sup> .....	19.32	3.59	5.79	48.42	12.00	10.88	141K
<b>Martin's Big Vee Brand Laying Mash Pellets</b> .....	18.50	3.50	6.00	45.50	.....	.....	1902B8
Analysis <sup>g</sup> .....	19.39	3.14	4.48	54.66	11.24	7.09	74K
Analysis.....	17.50	3.02	3.86	60.00	11.13	4.49	509J
<b>Crown Quality Brand 30% Protein Egg Mash Supplement</b> .....	30.00	4.50	6.50	32.00	.....	.....	1902C2
Analysis.....	30.37	5.44	6.13	42.01	8.13	7.92	556K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>494</sup>Deficient in ground limestone and salt.<sup>495</sup>Deficient in ground limestone.<sup>496</sup>Alfalfa leaf meal and ground limestone found, not claimed. Ground oyster shell claimed, not found.<sup>497</sup>Alfalfa leaf meal found, not claimed.<sup>498</sup>Soybean oil meal and linseed meal claimed, not found.<sup>499</sup>Deficient in cottonseed meal.<sup>500</sup>Linseed meal claimed, not found.<sup>501</sup>Soybean oil meal and linseed meal claimed, not found. Deficient in ground limestone.<sup>502</sup>Ground whole oats found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Martin-Lane Company (Continued),</b> Vernon, Texas.							
Crown Quality Brand Hog Fattener Feed	18.00	3.00	5.00	56.00	.....	.....	1902D2
Analysis <sup>503</sup>	19.10	3.35	4.14	55.61	10.98	6.82	27T
Crown Quality Brand 40% Protein Supplement for Hogs	40.00	5.00	8.00	20.00	.....	.....	1902E4
Analysis <sup>a</sup>	35.87	2.87	10.38	26.92	8.31	15.65	268K
Crown Quality Brand 30% Protein Supplement for Hogs	30.00	3.50	10.00	33.00	.....	.....	1902E4
Analysis	30.70	5.50	6.57	38.85	8.90	9.48	456K
Analysis	30.40	4.79	7.33	39.32	9.18	8.98	282T
Kafir Meal	10.00	2.50	3.00	70.00	.....	.....	1902E9
Analysis <sup>504</sup>	9.61	1.65	2.24	72.63	12.43	1.44	305T
<b>Mathis Feed &amp; Seed Company,</b> Mathis, Texas.							
Chowmix Laying Mash	18.00	3.50	8.00	48.00	.....	.....	2385E
Analysis	19.82	4.15	4.84	54.49	10.62	6.08	235H
<b>Mayfield Feed &amp; Grain Company,</b> Dalhart, Texas.							
Mayfield's Texacream Brand Growing Mash	17.60	3.50	6.00	53.50	.....	.....	1530B
Analysis	18.00	3.47	4.71	57.04	11.27	5.51	16K
Texacream Brand Laying Mash	18.00	3.60	6.50	52.60	.....	.....	1530G
Analysis	18.58	3.28	4.70	57.36	10.79	5.29	11K
Analysis <sup>a</sup>	17.49	3.16	4.56	59.89	9.94	4.96	417K
Texacream Brand All-Mash Chick Starter	18.80	3.60	6.50	50.50	.....	.....	1530O
Analysis	17.33	3.44	6.36	55.32	10.31	7.24	362K
Cacklay Brand Laying Mash	18.00	3.50	7.50	52.40	.....	.....	1530S
Analysis	18.94	3.60	5.87	56.08	9.46	6.05	162K
Mayfield's Economy Brand Cow Feed	10.00	1.70	22.00	39.00	.....	.....	1530X
Analysis <sup>505</sup>	12.15	2.43	19.71	40.34	8.83	16.54	466K
Analysis <sup>b,506</sup>	10.08	1.81	18.86	47.52	8.69	13.04	550K
Texacream Brand Dairy Feed	17.50	3.00	7.50	50.60	.....	.....	1530B8
Analysis <sup>507</sup>	16.26	2.49	4.59	59.16	9.30	8.20	543K
Texacream Brand Horse and Mule Pellets	11.50	2.40	8.00	59.00	.....	.....	1530C1
Analysis	15.38	2.94	6.19	59.34	6.09	10.06	540K
Texacream Brand 44% Protein Supplement for Hogs	44.00	5.50	5.00	18.00	.....	.....	1530C5
Analysis <sup>508</sup>	41.87	6.20	5.59	20.76	9.08	16.50	17K
Texacream Brand 32% Protein Laying Mash Supplement	32.00	4.00	7.00	34.00	.....	.....	1530C8
Analysis <sup>a</sup>	28.27	3.17	7.95	42.52	7.85	10.24	334K
Mayfield's Just-Rite Brand Chick Starter	17.00	3.50	6.50	53.50	.....	.....	1530D3
Analysis <sup>a</sup>	16.30	3.60	6.03	57.18	10.09	6.80	270K
Mayfield's Big M Brand Laying Mash	18.30	3.50	8.00	51.30	.....	.....	1530D8
Analysis	18.98	3.18	6.50	55.54	9.40	6.40	61K
<b>Mayfield Park Feed Store,</b> San Antonio, Texas.							
Mayfield Park Dairy Feed	15.00	3.80	14.00	49.00	.....	.....	1965P
Analysis	15.49	4.11	11.97	51.63	10.30	6.50	37H
Analysis <sup>509</sup>	9.99	5.81	15.90	49.11	9.36	9.83	309H

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>503</sup>Cottonseed meal found, not claimed. Soybean oil meal claimed, not found.<sup>504</sup>Kafir chop.<sup>505</sup>Cottonseed meal claimed, not found. Rice bran found, not claimed.<sup>506</sup>Cottonseed meal claimed, not found.<sup>507</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>508</sup>Excess of salt found.<sup>509</sup>Cottonseed meal claimed, not found. Rice bran found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Memphis Cotton Oil Company, Memphis, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	680E
Analysis.....	43.26	7.12	10.24	27.07	6.14	6.17	327K
<b>Merchants &amp; Planters Oil Company, Houston, Texas.</b>							
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	466B
Analysis.....	42.96	5.98	9.75	27.20	8.28	5.83	53M
<b>Meyer &amp; Company, Felix, Houston, Texas.</b>							
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....	671D
Analysis <sup>a</sup> .....	42.14	5.70	11.80	26.76	7.18	6.42	243J
41% Protein Soybean Oil Meal.....	41.00	6.00	6.00	28.00	.....	.....	671F
Analysis <sup>da</sup> .....	44.58	5.51	5.49	29.49	8.44	6.49	127T
<b>Meyer Grain Company, Houston, Texas.</b>							
Numix Dairy Feed.....	21.00	4.00	13.50	42.00	.....	.....	1293A
Analysis <sup>510</sup> .....	23.08	3.59	10.42	45.82	10.38	6.71	477M
Triangle Brand Milo Meal.....	10.00	2.50	3.00	70.00	.....	.....	1293D
Analysis <sup>k</sup> .....	12.45	3.22	2.36	68.85	11.51	1.61	377M
Triangle Brand Bulky-Mo.....	10.00	3.50	10.50	58.00	.....	.....	1293F
Analysis <sup>511</sup> .....	11.25	2.94	6.50	60.99	13.58	4.74	189M
Queen Big 5 Brand Laying Mash.....	18.00	3.50	7.20	49.00	.....	.....	1293H
Analysis.....	19.20	3.97	6.93	52.10	11.02	6.78	247M
Triangle Brand 18% Protein Dairy Feed.....	18.00	3.50	10.50	46.50	.....	.....	1293K
Analysis.....	21.83	4.11	12.37	43.79	10.68	7.22	320M
Analysis <sup>512</sup> .....	22.48	4.73	8.92	50.78	6.87	6.22	519M
Triangle Brand Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1293Q
Analysis.....	13.05	2.84	7.41	63.01	10.80	2.89	246M
Ful-Pail Brand 18% Protein Dairy Ration.....	18.00	4.00	23.50	34.00	.....	.....	1293W
Analysis <sup>513</sup> .....	12.48	3.15	13.65	45.01	13.09	12.62	321M
Analysis <sup>k</sup> .....	15.77	3.89	16.55	39.35	10.82	13.62	478M
Alfalfa Stem Meal and Molasses.....	7.50	0.60	30.00	40.00	.....	.....	1293X
Analysis.....	12.13	.94	24.23	42.33	13.15	7.22	14M
Triangle Brand Hen Scratch.....	10.00	2.60	3.60	69.30	.....	.....	1293A8
Analysis <sup>514</sup> .....	11.25	3.39	2.51	70.11	11.17	1.57	378M
<b>Mid-Continental Laboratories, Kansas City, Missouri.</b>							
Sunbeam Vita-Vex Yeast Culture.....	19.00	6.50	3.50	54.00	.....	.....	1233A
Analysis.....	19.53	6.17	2.94	57.07	11.06	3.23	205S
Analysis <sup>a</sup> .....	19.34	6.26	3.21	57.99	9.97	3.23	224T
<b>Midland Flour Milling Company, The, Kansas City, Missouri.</b>							
Town Crier Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....	.....	2326N
Analysis <sup>515</sup> .....	18.04	4.09	6.67	54.67	11.95	4.58	196J
Analysis.....	18.10	3.99	5.93	55.07	12.05	4.86	263J
Analysis.....	17.65	3.95	4.87	58.31	11.43	3.79	67M
Analysis <sup>516</sup> .....	17.95	3.95	6.67	55.80	11.20	4.43	121T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>510</sup>Soybean oil meal found, not claimed.<sup>511</sup>Excess of salt found.<sup>512</sup>Deficient in ground limestone.<sup>513</sup>Peanut hulls claimed, not found. Soybean oil meal and rice hulls found, not claimed. Deficient in cottonseed meal.<sup>514</sup>Sunflower seed claimed, not found.<sup>515</sup>Wheat brown shorts and screenings.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Mission Feed Company, San Antonio, Texas.</b>							
Mission Laying Mash.....	19.00	3.70	8.00	48.50	-----	-----	948C
Analysis.....	18.45	4.70	6.00	53.67	9.66	7.52	77H
Analysis.....	19.28	3.92	6.00	54.79	10.16	5.85	381H
<b>Mission Provision Company, Inc., San Antonio, Texas.</b>							
Economy Brand 50% Protein Meat and Bone Scraps.....	50.00	8.00	3.00	0.00	-----	-----	1356A
Analysis <sup>c</sup> .....	48.55	11.71	1.72	.23	5.08	32.71	502H
Economy Brand 48% Protein Meat and Bone Scraps.....	48.00	8.00	3.00	0.00	-----	-----	1356B
Analysis.....	50.35	10.74	1.27	.00	5.55	32.09	35H
Analysis.....	50.18	10.89	2.10	.37	5.22	31.24	208H
<b>Mitchell Seed and Grain Company, Roswell, New Mexico.</b>							
Alfalfa Meal.....	13.00	1.50	33.00	35.00	-----	-----	1918A
Analysis <sup>da</sup> .....	16.15	1.50	30.52	35.29	7.75	8.79	397K
<b>Moore Grain Company, F. B., Hamlin, Texas.</b>							
Moore's Special Laying Mash.....	18.00	3.50	6.50	49.00	-----	-----	711F
Analysis <sup>516e</sup> .....	19.90	3.63	3.93	52.79	10.65	9.10	21S
Moore's Special Laying Mash.....	18.30	3.50	6.30	48.60	-----	-----	711F
Analysis.....	18.69	3.88	5.91	54.98	10.00	6.54	436S
Moore's Special Dairy Feed.....	16.00	3.50	9.50	49.50	-----	-----	711G
Analysis.....	17.09	3.62	6.43	56.43	9.99	6.44	64S
Analysis <sup>517</sup> .....	19.90	3.43	7.17	51.78	9.67	8.05	494S
Moore's Special Growing Mash.....	16.00	3.50	7.00	51.00	-----	-----	711Q
Analysis.....	20.74	3.87	4.62	51.91	9.19	9.67	437S
<b>Moore's Feed Store, San Angelo, Texas.</b>							
Moore's Special Dairy Feed.....	18.00	3.00	13.00	41.00	-----	-----	1111E
Analysis.....	18.90	3.78	13.00	47.36	8.61	8.35	524S
Moore's 19% Protein Laying Mash.....	19.00	3.50	8.00	41.00	-----	-----	1111G
Analysis <sup>518</sup> .....	18.80	3.72	7.07	51.76	10.00	8.65	468S
Moore's 36% Protein Supplement.....	36.00	5.00	10.00	23.50	-----	-----	1111H
Analysis.....	36.02	6.01	10.39	26.80	8.01	12.77	266S
<b>Morammeal Milling Company, Inc., Elm Grove, Louisiana.</b>							
Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	35.00	-----	-----	779D
Analysis <sup>a</sup> .....	22.53	4.08	25.38	35.00	3.61	9.40	441J
<b>Morrison Milling Company, The, Denton, Texas.</b>							
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	-----	-----	8H
Analysis.....	17.86	4.46	9.56	52.60	9.15	6.37	427K
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	-----	-----	8I
Analysis <sup>519</sup> .....	17.93	3.88	6.28	56.59	11.33	3.99	159K
Analysis.....	18.16	4.70	5.51	55.95	11.32	4.36	22T
Analysis.....	17.40	4.87	5.40	55.30	13.10	3.93	89T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>516</sup>Soybean oil meal found, not claimed. Excess of oyster shell found.<sup>517</sup>Soybean oil meal found, not claimed.<sup>518</sup>Cottonseed meal, peanut meal, milo meal, and defluorinated phosphate found, not claimed.<sup>519</sup>Wheat brown shorts and screenings.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Morten Milling Company,</b> Dallas, Texas.							
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00			1696D
Analysis.....	18.85	4.40	5.06	56.31	11.71	3.69	31J
Analysis.....	17.21	3.58	5.05	58.55	12.06	3.55	351J
Analysis.....	18.00	3.72	5.55	58.11	10.93	3.69	398K
Analysis.....	19.44	4.80	5.75	53.44	11.98	4.59	73M
Analysis.....	19.37	4.70	5.41	54.60	11.79	4.13	78M
Analysis.....	17.62	3.38	5.11	58.25	12.16	3.48	224M
Analysis.....	17.50	3.23	4.74	58.62	12.40	3.51	127S
Analysis.....	17.16	3.16	5.23	59.76	10.87	3.82	263S
Analysis.....	16.12	3.74	4.67	61.06	11.03	3.38	26T
Analysis.....	19.07	3.91	5.40	56.94	10.40	4.28	68T
Analysis.....	16.06	3.48	5.84	60.37	10.36	3.89	192T
Analysis.....	18.26	3.45	5.71	57.62	11.18	3.78	53W
Analysis <sup>520</sup> .....	18.97	3.95	6.94	54.78	10.66	4.70	74W
Ground Wheat.....	12.00	2.00	3.00	70.00			1696H
Analysis <sup>521</sup> .....	14.73	2.23	6.26	61.16	11.00	4.62	520J
<b>Moulton Oil &amp; Gin Company,</b> Moulton, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			425B
Analysis.....	43.75	5.96	10.74	26.44	7.50	5.61	57H
<b>Moundridge Milling Company, The,</b> Moundridge, Kansas.							
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00			2138B
Analysis.....	16.40	3.42	5.10	60.54	10.93	3.61	227T
<b>Mount Enterprise Cotton Oil Mill,</b> Mount Enterprise, Texas.							
34% Protein Ground Whole-Pressed Peanuts.....	34.00	6.00	24.00	20.00			887D
Analysis.....	33.45	9.58	25.74	21.57	5.59	4.07	244J
<b>Mount Pleasant Oil Mill,</b> Mount Pleasant, Texas.							
Cottonseed Hulls and Cottonseed Meal.....	11.80	1.70	38.00	36.00			265A
Analysis.....	11.56	1.53	35.24	40.30	8.04	3.33	148J
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			265G
Analysis.....	43.92	6.18	9.04	27.22	7.25	6.39	41J
Analysis.....	43.95	6.38	10.35	25.53	7.84	5.95	147J
Lone Eagle Brand Egg Mash.....	18.00	3.50	7.00	49.00			265K
Analysis <sup>522</sup> .....	20.06	4.25	7.00	50.09	10.37	8.23	149J
Lone Eagle Brand Laying Mash.....	18.50	3.50	7.20	49.20			265K
Analysis.....	20.08	3.97	5.82	53.70	9.33	7.10	412J
Lone Eagle Brand Growing Mash.....	17.00	3.50	7.00	51.00			265L
Analysis.....	18.59	4.03	6.04	53.86	10.58	6.90	352J
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00			265W
Analysis.....	43.79	6.23	6.04	29.34	8.09	6.51	361J
Analysis.....	43.32	4.94	5.83	29.69	9.45	6.77	455J
<b>Mueller-Huber Grain Company,</b> San Antonio, Texas.							
Sunshine Brand Special Cow Feed.....	19.00	3.20	9.50	48.00			1407F
Analysis <sup>523</sup> .....	19.63	5.48	8.30	48.52	12.01	6.06	351H
Alfalfa Meal.....	13.00	1.50	33.00	35.00			1407J
Analysis <sup>524</sup> .....	14.90	1.48	26.28	38.75	11.11	7.48	170M
Sunshine Brand Laying Mash.....	19.00	3.50	7.00	46.00			1407A9
Analysis <sup>524</sup> .....	19.36	4.12	5.88	54.66	10.23	5.75	423H

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>520</sup>Wheat brown shorts and screenings.<sup>521</sup>Ground wheat screenings present.<sup>522</sup>Fish meal claimed, not found.<sup>523</sup>Linseed meal, corn gluten feed, and bone meal claimed, not found. Soybean oil meal, milo meal, and alfalfa meal found, not claimed.<sup>524</sup>Meat and bone scraps claimed, not found. Deficient in oyster shell.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Mueller-Huber Grain Co. (Cont.),</b> San Antonio, Texas.							
Big Egg Brand Laying Mash.....	18.00	3.50	7.00	51.00	-----	-----	1407B8
Analysis <sup>535</sup> .....	18.40	3.43	5.35	58.17	10.35	4.30	424H
Chicks-Like-It Brand Growing Mash.....	16.00	4.00	5.00	56.00	-----	-----	1407D6
Analysis <sup>536</sup> .....	15.62	3.95	3.47	61.48	10.97	4.51	422H
Chicks-Like-It Brand Starting Mash.....	16.50	3.50	4.50	53.50	-----	-----	1407D7
Analysis <sup>537</sup> .....	16.01	3.54	3.49	59.88	10.31	6.77	421H
Big Egg Brand Laying Mash Pellets.....	18.00	3.50	7.00	51.00	-----	-----	1407F4
Analysis.....	18.60	3.12	5.82	56.98	8.36	7.12	36H
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	-----	-----	1407G6
Analysis <sup>538</sup> .....	46.30	3.89	5.70	29.81	6.38	7.92	241H
44% Protein Sesame Oil Meal.....	44.00	10.00	5.20	20.50	-----	-----	1407G7
Analysis.....	45.30	10.95	5.90	21.22	6.05	10.58	305H
<b>Munger Cotton Oil Company,</b> Mexico, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	40E
Analysis.....	44.11	6.69	9.71	25.07	8.46	5.96	20W
Analysis.....	43.78	6.65	9.04	27.19	7.88	5.46	26W
Analysis.....	45.24	7.15	8.41	26.32	7.13	5.75	28W
<b>Munger Cotton Oil Company,</b> Teague, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	2518A
Analysis <sup>c</sup> .....	42.25	6.04	9.93	27.29	8.62	5.87	24W
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	-----	-----	2518C
Analysis.....	43.65	6.28	13.43	24.63	6.59	5.42	24W
<b>Municipal Abattoir,</b> Austin, Texas.							
55% Protein Meat and Bone Scraps.....	55.00	6.00	3.00	0.00	-----	-----	1672A
Analysis.....	59.81	7.87	2.58	4.05	6.49	19.20	71H
Analysis <sup>539</sup> .....	59.81	7.83	3.82	4.08	6.46	18.00	279H
Analysis.....	61.34	8.34	2.29	.06	8.93	19.04	416H
<b>Murchison, A. T.,</b> Menard, Texas.							
Sunset Brand Dairy Feed.....	19.00	3.60	11.70	44.50	-----	-----	1984A
Analysis.....	21.69	4.41	11.64	46.43	8.73	7.10	415S
<b>Musick Produce Company,</b> Tulsa, Texas.							
Chowmix 16% Protein Dairy Feed M.....	16.00	3.00	12.00	48.00	-----	-----	1567D
Analysis.....	17.34	3.81	6.41	56.41	11.94	4.09	209K
<b>Nacogdoches Oil Mill, The,</b> Nacogdoches, Texas.							
Lone Star Brand Oil Mill Mixture.....	11.80	1.70	38.00	36.00	-----	-----	564F
Analysis <sup>540</sup> .....	8.71	1.47	35.23	41.80	9.82	2.97	65M
Lone Star Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	564G
Analysis <sup>c</sup> .....	41.24	5.90	9.81	26.88	9.79	6.38	37J
Analysis.....	42.77	5.66	9.39	27.27	8.29	6.62	95J
Analysis <sup>c</sup> .....	42.26	5.63	10.38	26.31	9.11	6.31	192J
Lone Star Brand 43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	-----	-----	564H
Analysis <sup>c</sup> .....	42.21	5.38	11.95	25.48	9.02	5.98	203J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>535</sup>Meat and bone scraps claimed, not found.<sup>536</sup>Meat and bone scraps claimed, not found. Soybean oil meal found, not claimed. Deficient in oyster shell.<sup>537</sup>Soybean oil meal found, not claimed.<sup>538</sup>Ground limestone present.<sup>539</sup>Stomach contents found.<sup>540</sup>Deficient in cottonseed meal.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Natchitoches Oil Mill, Inc.,</b> Natchitoches, Louisiana.							
41.12% Protein Ground Cottonseed							
Feed with Oyster Shell	40.00	4.80	13.60	25.00			683B
Analysis <sup>531</sup>	42.18	7.35	7.85	26.27	7.33	9.02	35J
<b>National Distillers Products Corp.,</b> New York, New York.							
Produlac Brand Corn Distillers' Dried Grains with Solubles	27.00	8.00	9.00	44.00			1677A
Analysis	29.11	7.46	7.91	43.26	8.39	3.87	1677A
Analysis	29.55	8.11	8.15	43.02	7.21	3.96	226S
Analysis	29.11	7.64	7.98	43.28	7.80	4.19	93T
<b>National Feed Store,</b> Beaumont, Texas.							
Botex Money-Saver Brand Laying Mash	18.00	3.50	7.00	47.00			1807A
Analysis	18.38	4.31	5.93	53.95	10.15	7.28	178M
Borex 18% Protein Dairy Feed	18.00	3.50	11.00	51.00			1807D
Analysis <sup>532</sup>	21.36	4.90	10.68	44.21	9.90	8.95	179M
Analysis	18.09	4.07	11.90	50.35	9.40	6.19	392M
<b>National Food Company,</b> Port Arthur, Texas.							
Dixie Queen Brand Hen Scratch	10.20	3.00	3.00	70.00			1891B
Analysis	12.10	2.41	2.37	70.47	10.86	1.79	469M
<b>National Oats Company,</b> Cedar Rapids, Iowa.							
Red-3 Hygrade Brand Oat Mill Feed	11.00	3.50	19.00	50.00			1686C
Analysis <sup>a</sup>	10.90	3.69	18.96	52.66	8.10	5.69	208K
Analysis <sup>533</sup>	10.94	3.59	17.59	53.26	8.73	5.89	98M
Analysis	9.95	4.47	19.04	51.75	8.87	5.92	245M
Analysis	11.17	3.65	18.60	52.40	8.57	5.61	94T
<b>Nelson Grain Company,</b> Claude, Texas.							
Nelson's Laying Mash	21.00	3.80	6.00	43.50			1830O
Analysis <sup>a</sup>	22.92	4.94	6.71	44.18	8.39	12.86	412K
Red Diamond 39% Protein Supplement for Hogs	39.00	5.00	8.30	18.30			1830V
Analysis	40.42	6.04	8.42	20.55	6.06	18.51	413K
<b>Ne-Tex Co-Operative Oil Mill,</b> Wolfe City, Texas.							
Ne-Tex Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1046A
Analysis <sup>c</sup>	41.90	6.30	10.24	25.77	9.46	6.33	14J
Analysis <sup>c</sup>	41.99	6.27	11.55	27.20	7.09	5.90	237J
Analysis <sup>c</sup>	42.09	6.07	10.38	27.79	7.70	5.97	266J
Analysis <sup>534</sup>	41.97	5.70	10.69	27.56	8.36	5.72	332J
Analysis	43.23	6.22	10.78	26.41	7.56	5.80	465J
Ne-Tex Brand 43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00			1046B
Analysis	44.64	5.88	9.60	26.15	7.68	6.05	62J
Co-Opco Brand Maintenance Ration	10.70	1.70	32.00	40.00			1046I
Analysis	11.12	1.66	27.21	47.79	5.92	6.30	535K
Netco Brand 41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00			1046M
Analysis	45.93	5.66	5.77	27.56	8.84	6.24	466J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>531</sup>Deficient in oyster shell.<sup>532</sup>Rice bran found, not claimed.<sup>533</sup>Ground whole barley found, not claimed.<sup>534</sup>Sold at ceiling price of 41% protein cottonseed meal.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Neumond Company, The,</b> Saint Louis, Missouri. Neumond's Brewers' Dried Grains.....	21.00	6.00	18.00	40.00	-----	-----	1609A
Analysis.....	18.48	6.07	16.01	45.77	9.64	4.03	190M
<b>New Era Milling Company, The,</b> Arkansas City, Kansas, Polar Bear Wheat Bran.....	14.50	3.50	10.00	50.00	-----	-----	917B
Analysis.....	16.80	4.48	10.68	51.23	10.08	6.73	126M
<b>New Orleans Grain &amp; Feed Co., Inc.,</b> New Orleans, Louisiana. Golden Calf Brand Brewers' Dried Grains.....	24.00	5.00	18.00	40.00	-----	-----	633A
Analysis.....	26.60	6.15	16.31	39.69	7.75	3.50	319M
Brewers' Dried Grains.....	20.00	5.00	18.00	40.00	-----	-----	633E
Analysis <sup>a</sup> .....	26.31	5.60	15.98	41.46	7.05	3.60	306H
<b>Northern Oats Company,</b> Minneapolis, Minnesota. Go-Fer Brand Feeding Oatmeal.....	14.00	5.00	3.80	60.00	-----	-----	1010C
Analysis <sup>a</sup> .....	15.00	4.81	2.73	62.07	11.45	3.94	267M
Rolled Oats for Poultry.....	16.00	6.00	1.50	65.00	-----	-----	1010E
Analysis <sup>a</sup> .....	15.84	6.25	1.50	64.06	10.46	1.89	268M
<b>Nox-All Feed Store,</b> Dallas, Texas. Our-Own Brand Dairy Feed.....	16.00	3.50	10.00	44.60	-----	-----	642A
Analysis <sup>535</sup> .....	19.38	3.90	10.89	49.66	10.20	5.97	67T
Nox-All's Nu-Mix Egg Mash.....	18.00	3.60	7.00	49.00	-----	-----	642C
Analysis.....	20.22	4.25	6.21	51.82	9.79	7.71	66T
Analysis.....	15.08	3.91	6.62	55.28	11.09	8.02	212T
Analysis <sup>536</sup> .....	20.05	4.37	6.22	52.19	9.70	7.47	316T
<b>Nutrena Mills, Inc.,</b> Cottleville, Kansas. Nutrena Chick Mash.....	18.00	4.00	7.00	51.00	-----	-----	874F
Analysis <sup>537e</sup> .....	17.96	4.25	5.75	55.56	11.22	5.26	F
Nutrena Chick Starting Mash.....	18.00	4.00	7.00	51.00	-----	-----	874F
Analysis.....	19.93	4.38	5.73	52.60	10.68	6.68	62T
Nutrena Egg Mash.....	18.00	4.00	7.00	51.00	-----	-----	874G
Analysis.....	18.09	3.42	5.23	56.69	10.83	5.74	350K
Analysis.....	19.06	3.83	6.73	51.77	10.91	7.70	61T
Nutrena All-Mash Laying Ration Pellets.....	15.00	4.00	7.00	53.00	-----	-----	874H
Analysis <sup>j</sup> .....	14.76	3.82	4.90	58.75	11.72	6.05	324J
Nutrena 40% Protein Supplement.....	40.00	5.00	7.00	25.00	-----	-----	874N
Nuggets for Pigs and Hogs.....	38.41	5.70	6.95	28.65	8.73	11.56	182J
Analysis <sup>538</sup> .....	18.00	3.50	7.00	47.00	-----	-----	874U
Triple V All-Mash Chick Ration.....	17.36	4.54	7.00	53.72	11.41	5.97	380J
Nutrena Master Brand Finishing Mash.....	17.00	4.00	7.00	53.00	-----	-----	874B7
Analysis.....	18.44	4.09	6.97	52.38	10.78	7.34	323J
Triple V Growing Mash.....	17.00	3.50	7.00	48.00	-----	-----	874D3
Analysis.....	16.53	3.77	6.02	56.09	10.66	6.93	418J
Triple V Egg Mash.....	18.00	4.00	6.50	48.50	-----	-----	874D6
Analysis <sup>539</sup> .....	18.45	4.12	6.01	52.87	10.74	7.81	75J
<b>Nutty Brown Mills,</b> Houston, Texas. 32% Protein Cottonseed Meal Screenings.....	32.00	5.00	18.00	30.00	-----	-----	1547A
Analysis.....	33.86	4.08	17.05	32.42	7.11	5.48	372M

<sup>a</sup> a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.<sup>535</sup> Rice hulls claimed, not found. Peanut hulls found, not claimed.<sup>536</sup> Milo meal found, not claimed.<sup>537</sup> Deficient in limestone.<sup>538</sup> Excess of ground limestone and salt.<sup>539</sup> Soybean oil meal, fish meal, and salt found, not claimed. Excess of ground limestone found.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Odessa Grain Company,</b> <b>Odessa, Texas.</b>							
Odessa Preferred Brand Dairy Cow Feed.....	25.00	4.50	11.00	42.00	.....	.....	2384C
Analysis <sup>640</sup> .....	27.31	4.50	9.35	44.87	8.44	5.53	501S
Rusty's Special Dairy Feed.....	17.00	3.40	13.50	46.00	.....	.....	2384E
Analysis.....	18.68	3.80	13.37	49.59	9.18	5.38	29S
<b>Oil Mill &amp; Fertilizer Works,</b> <b>Henderson, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	124D
Analysis.....	43.59	7.04	9.30	25.71	8.07	6.29	131J
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....	124Y
Analysis <sup>641</sup> .....	40.00	7.60	10.45	25.55	9.36	7.04	8J
Analysis.....	41.73	6.84	11.11	26.65	7.83	5.84	81J
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....	124A3
Analysis.....	43.71	6.07	5.48	29.11	9.93	5.70	288J
Analysis.....	43.80	5.41	5.68	29.61	9.38	6.12	337J
Analysis.....	43.37	6.65	5.58	29.35	8.61	6.44	394J
<b>Okeene Milling Company,</b> <b>Okeene, Oklahoma.</b>							
Okeene Brand Egg Mash.....	18.00	3.50	6.50	48.00	.....	.....	153H
Analysis <sup>642</sup> .....	20.36	3.74	5.22	54.22	10.00	6.46	35K
Wheat Mixed Feed and Screenings.....	16.00	3.50	8.50	52.00	.....	.....	153J
Analysis <sup>643</sup> .....	15.52	3.99	7.86	57.37	10.42	4.84	27K
Okeene Brand Dairy Feed.....	20.00	4.00	12.50	44.00	.....	.....	153K
Analysis <sup>644</sup> .....	9.41	1.59	11.63	54.48	11.65	11.24	357K
Wheat Chop.....	12.00	2.00	3.00	70.00	.....	.....	153O
Analysis <sup>645</sup> .....	14.00	1.88	2.60	69.75	9.94	1.83	554K
Thrifty Brand Egg Mash.....	18.00	3.80	7.50	45.00	.....	.....	153P
Analysis <sup>646</sup> .....	17.82	3.36	7.47	52.34	10.41	8.60	349K
Okeene Brand All-Mash Starter.....	17.00	3.50	7.00	50.00	.....	.....	153S
Analysis <sup>640</sup> .....	17.99	3.22	5.16	56.70	10.89	6.04	346K
Okeene Brand Growing Mash.....	16.50	3.50	7.00	51.00	.....	.....	153U
Analysis <sup>647</sup> .....	15.77	3.81	5.19	56.47	11.47	7.29	502K
Okeene Brand 34% Protein Supplement for Hogs.....	34.00	4.00	6.70	28.00	.....	.....	153A9
Analysis <sup>647</sup> .....	33.12	3.93	8.99	30.18	8.61	15.17	359K
<b>Oklahoma Rendering Company,</b> <b>Oklahoma City, Oklahoma.</b>							
Success Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	1745A
Analysis <sup>641</sup> <sup>648</sup> .....	53.29	9.06	1.81	.00	4.71	31.13	318K
Analysis <sup>649</sup> .....	50.80	8.85	2.29	.16	5.34	32.56	381K
Analysis <sup>649</sup> .....	47.39	10.67	2.03	1.23	4.46	34.22	387K
Analysis <sup>649</sup> .....	51.03	9.48	1.79	.82	4.94	31.94	396K
<b>Opelousas Oil Mill,</b> <b>Opelousas, Louisiana.</b>							
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00	.....	.....	1923G
Analysis.....	41.08	6.03	11.46	26.84	8.05	6.54	393M
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....	1923H
Analysis <sup>649</sup> .....	42.10	5.50	10.79	27.76	7.48	6.37	69M
Analysis <sup>649</sup> .....	40.36	5.19	11.65	28.81	7.66	6.33	152M
Analysis <sup>649</sup> .....	39.19	6.20	12.66	26.39	9.57	5.99	332M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>640</sup>Soybean oil meal found, not claimed.<sup>641</sup>Calcium carbonate present.<sup>642</sup>Fish meal claimed, not found.<sup>643</sup>Milo meal present.<sup>644</sup>Soybean oil meal, milo meal, kafir meal, corn meal, and rice hulls found, not claimed.

Wrong tags attached.

<sup>645</sup>Rice hulls found, not claimed.<sup>646</sup>Deficient in ground limestone.<sup>647</sup>Fish meal claimed, not found. Rice hulls found, not claimed.<sup>648</sup>Used by dealer in mixed feed.<sup>649</sup>Defaced tags attached.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Orange Rice Milling Company,</b> <b>Orange, Texas.</b>							
Rice Bran containing Limestone	11.00	10.00	15.00	42.00			1849A
Analysis	12.67	12.95	14.97	<b>37.83</b>	8.62	12.96	134M
Analysis	12.56	13.04	12.62	<b>41.15</b>	9.01	11.62	183M
<b>Otis Gin &amp; Warehouse Company,</b> <b>Loving, New Mexico.</b>							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			1426A
Analysis <sup>a</sup>	43.20	6.00	10.30	29.25	5.25	6.00	298K
Analysis	<b>42.09</b>	5.63	10.65	<b>30.14</b>	<b>5.82</b>	<b>5.67</b>	512S
"Wano" Brand Mixed Feed	11.80	1.70	38.00	36.00			1426C
Analysis	14.00	2.38	36.59	37.79	5.45	3.79	394S
<b>Ozark Feed Mills,</b> <b>Pine Bluff, Arkansas.</b>							
Ozark Dairy Feed	16.00	3.00	15.00	45.00			1644A
Analysis <sup>b50</sup>	23.89	2.35	21.57	<b>32.67</b>	9.27	10.27	92J
Analysis <sup>b51</sup>	<b>12.23</b>	<b>1.86</b>	<b>24.73</b>	<b>37.63</b>	11.03	12.52	254J
Analysis <sup>b52</sup>	20.30	3.12	<b>20.57</b>	<b>36.93</b>	9.87	9.21	451J
Gold Cream Dairy Feed	24.00	3.00	15.00	40.00			1644B
Analysis <sup>b53</sup>	19.30	3.76	<b>18.74</b>	<b>39.37</b>	9.84	8.99	170J
Analysis <sup>b52</sup>	<b>21.13</b>	<b>2.72</b>	<b>19.48</b>	<b>36.14</b>	10.56	9.97	252J
Analysis <sup>b54</sup>	<b>21.23</b>	4.01	14.24	40.71	9.18	10.63	21W
<b>Packard Milling Company,</b> <b>Hereford, Texas.</b>							
Wheat Mixed Feed and Screenings	16.50	3.50	8.50	52.00			211A
Analysis	16.89	3.72	7.04	57.72	10.14	4.49	382K
Wheat Bran and Screenings	14.50	3.00	10.00	50.00			211B
Analysis	17.26	4.25	7.29	57.66	8.92	4.62	407K
Blue Dot Laying Mash	19.00	3.60	6.00	48.00			211L
Analysis	19.72	4.00	4.30	53.91	9.88	8.19	46K
Chowmix Growing Mash	17.00	3.50	7.00	51.00			211T
Analysis	18.91	4.27	4.65	56.59	9.93	5.65	317K
Chowmix Laying Mash	18.00	3.50	8.00	48.00			211U
Analysis	19.90	4.07	4.50	54.76	10.65	6.12	222K
<b>Palecek Mills,</b> <b>Enid, Oklahoma.</b>							
Economy Brand Egg Mash	18.50	3.50	8.00	45.00			1399A7
Analysis <sup>a</sup>	17.79	<b>3.01</b>	5.22	57.06	10.82	6.10	262K
Economy Brand Chick Mash	18.00	3.50	7.00	50.00			1399A9
Analysis <sup>b55</sup>	17.58	<b>2.98</b>	5.51	56.84	11.13	5.96	351K
Gold Crown Brand 16% Protein Dry Dairy Feed	16.00	3.00	11.00	50.00			1399B2
Analysis <sup>b56</sup>	17.12	3.36	5.31	56.43	11.17	6.61	33K
<b>Palestine Grain Company,</b> <b>Palestine, Texas.</b>							
Magnolia 5 Egg Mash	19.00	3.70	8.00	46.00			1442A
Analysis <sup>a</sup>	19.78	4.63	7.38	51.20	8.99	8.02	365J
Analysis <sup>b57</sup>	<b>18.79</b>	4.30	7.96	52.28	9.98	6.69	427J
Magnolia All-Mash Starter with Buttermilk and Cod Liver Oil	17.00	3.50	5.00	52.00			1442A3
Analysis	19.70	5.25	2.06	53.80	9.54	9.65	368J
Analysis <sup>c</sup>	17.39	4.67	<b>6.18</b>	53.08	10.11	8.57	121W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>b50</sup>Lespedeza meal claimed, not found. Excess of rice hulls found. Deficient in ground oyster shell and salt.<sup>b51</sup>Linseed meal found, not claimed. Deficient in soybean oil meal. Excess of rice hulls found.<sup>b52</sup>Excess of rice hulls found.<sup>b53</sup>Rice bran found, not claimed. Deficient in soybean oil meal. Analysis on sacks blocked out and sale resumed.<sup>b54</sup>Rice bran found, not claimed.<sup>b55</sup>Rice hulls found, not claimed.<sup>b56</sup>Deficient in ground limestone.<sup>b57</sup>Deficient in oyster shell.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Paris Milling Company, Paris, Texas.</b>							
Plymouth Brand Laying Mash	18.50	3.50	8.00	47.80	.....	.....	9E
Analysis	20.00	3.83	5.70	52.36	11.02	7.09	116J
Red Rock Brand All-Mash Laying							
Ration	15.00	3.50	7.50	54.50	.....	.....	9L
Analysis	16.86	3.62	5.85	56.40	11.19	6.08	173J
Wheat Brown Shorts	15.00	3.50	7.50	53.00	.....	.....	9P
Analysis	15.50	3.61	5.49	60.04	11.68	3.68	141J
Hominy Feed	10.00	6.00	7.00	60.00	.....	.....	9R
Analysis	11.38	8.60	6.12	60.07	11.16	2.67	295J
Special X Dairy Feed	21.00	3.60	11.50	44.00	.....	.....	9U
Analysis <sup>508</sup>	21.31	4.09	8.46	48.73	10.52	6.89	390J
Special X Chick Starter	17.00	3.50	6.00	52.50	.....	.....	9Y
Analysis <sup>509</sup>	17.99	3.35	4.42	57.36	10.68	6.20	279J
Special X Laying Mash	19.80	3.80	7.90	45.00	.....	.....	9A2
Analysis <sup>500</sup>	20.99	3.25	5.04	49.85	10.61	10.26	278J
Special A Dairy Feed	18.00	3.00	11.50	43.00	.....	.....	9A3
Analysis <sup>501</sup>	18.90	3.99	10.47	47.72	12.46	6.46	17J
Analysis <sup>502</sup>	18.80	3.67	8.91	50.43	12.51	5.68	459J
<b>Park, Inc., Philip R., San Pedro, California.</b>							
Vacuum-Concentrated Fish Extract	32.00	2.00	0.10	3.00	.....	.....	2025I
Analysis	33.49	2.86	.29	2.51	48.05	12.80	2025I
<b>Paul's Flour &amp; Feed, El Paso, Texas.</b>							
Paul's Growing Mash	16.00	3.50	7.50	53.00	.....	.....	1143H
Analysis <sup>503</sup>	18.04	4.87	7.53	54.53	8.04	6.99	510S
Paul's Laying Mash	18.00	3.50	8.00	49.30	.....	.....	1143I
Analysis	18.62	4.62	6.18	51.77	10.36	8.45	221S
Paul's Competitor Brand Laying							
Mash with Buttermilk	18.00	3.50	7.00	46.50	.....	.....	1143N
Analysis <sup>504</sup>	18.45	4.92	5.55	53.77	8.97	8.34	38S
Paul's Cow Feed	19.00	3.30	8.00	47.50	.....	.....	1143R
Analysis <sup>504</sup>	18.35	3.84	6.36	56.90	7.95	6.60	292S
Paul's Broiler Mash	19.50	3.50	5.50	47.00	.....	.....	1143S
Analysis	18.36	4.32	7.39	55.25	8.07	6.61	509S
<b>Pearson Feed &amp; Farm Supply Company, Alvin, Texas.</b>							
Chowmix Laying Mash F	18.00	3.50	8.00	45.00	.....	.....	1685A
Analysis <sup>505</sup>	19.39	5.45	7.06	50.45	10.00	7.65	343M
Chowmix Hog Feed M	14.00	3.50	7.00	52.00	.....	.....	1685B
Analysis	14.16	4.07	5.17	60.56	11.26	4.78	71M
Analysis	15.16	4.81	4.54	58.82	12.37	4.30	342M
Chowmix 16% Protein Dairy Feed K	16.00	3.50	12.00	44.00	.....	.....	1685D
Analysis	16.82	3.87	9.89	52.23	10.87	6.32	72M
<b>Pecos Valley Alfalfa Mill Company, Chandler, Arizona.</b>							
Peevee Alfalfa Leaf Meal	20.00	2.50	18.00	40.00	.....	.....	112E
Analysis <sup>506</sup>	21.90	2.30	14.48	43.77	6.59	10.96	564K
15% Protein Alfalfa Meal	15.00	1.50	30.00	36.00	.....	.....	112G
Analysis	15.26	1.89	28.64	35.54	9.52	9.15	569K
Analysis	15.60	1.52	28.39	36.27	8.99	9.23	542S

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>508</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>509</sup>Fish meal claimed, not found.<sup>500</sup>Oyster shell found, not claimed.<sup>501</sup>Deficient in ground limestone.<sup>502</sup>Cottonseed meal and linseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>503</sup>Cottonseed meal found, not claimed.<sup>504</sup>Deficient in ground limestone.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Pecos Valley Alfalfa Mill Company, Hagerman, New Mexico.</b>							
Alfalfa Meal.....	13.00	1.50	33.00	35.00	-----	-----	112A
Analysis.....	13.45	1.72	32.19	36.63	7.97	8.04	2K
Analysis.....	13.77	1.34	33.39	35.82	6.92	8.76	490S
Analysis <sup>e</sup> .....	13.53	1.67	30.90	36.05	9.94	7.91	77T
Velvet Brand Alfalfa Meal.....	17.00	1.50	27.00	40.00	-----	-----	112D
Analysis <sup>e</sup> .....	18.53	2.05	22.04	38.60	9.25	9.53	202K
Peevee Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	-----	-----	112E
Analysis.....	19.76	3.16	23.46	36.96	6.21	10.45	487K
Analysis <sup>e</sup> .....	19.50	2.37	17.74	41.01	8.41	10.97	182M
<b>Penick &amp; Ford, Ltd., Incorporated, Cedar Rapids, Iowa.</b>							
Douglas Corn Gluten Feed.....	23.00	1.50	8.50	49.00	-----	-----	1224A
Analysis <sup>a</sup> .....	23.45	2.13	7.73	50.35	10.00	6.34	89K
<b>Peoples Cotton Oil Company, El Campo, Texas.</b>							
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	-----	-----	1863A
Analysis <sup>e</sup> .....	26.31	7.32	22.30	30.65	8.52	4.90	J
<b>Peoples Cotton Oil Company, Wharton, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	496C
Analysis <sup>e</sup> .....	41.18	7.07	9.97	26.71	8.13	6.94	80M
Analysis <sup>e</sup> .....	41.50	6.71	9.37	28.92	6.69	6.78	161M
Analysis <sup>e</sup> .....	41.75	6.81	10.63	26.01	7.89	6.91	258M
Analysis <sup>e</sup> .....	41.77	6.94	10.78	25.26	8.40	6.85	265M
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	-----	-----	496K
Analysis.....	44.22	5.44	4.88	30.58	8.45	6.43	368H
<b>Perryton Equity Exchange, Perryton, Texas.</b>							
Equity Brand Dairy Feed.....	16.00	3.00	8.50	51.40	-----	-----	2355M
Analysis.....	17.80	3.03	8.32	54.03	9.29	7.53	242K
Equity Brand 20% Protein Laying Mash.....	20.00	3.50	7.50	47.50	-----	-----	2355X
Analysis.....	22.02	4.30	5.42	48.87	9.56	9.83	20K
Equity Brand All-Purpose Chick Starting Mash.....	17.50	3.50	7.00	50.00	-----	-----	2355Y
Analysis.....	19.39	4.26	5.43	52.02	10.85	8.05	361K
Equity Brand Chick Growing Mash.....	15.80	3.50	6.00	51.00	-----	-----	2355A4
Analysis.....	18.38	4.06	5.36	56.39	9.18	6.63	544K
<b>Peyton Packing Company, El Paso, Texas.</b>							
Peyton's 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	-----	-----	1564C
Analysis.....	54.65	9.12	1.58	1.90	6.30	26.45	85K
Analysis.....	55.22	9.68	1.83	.04	5.95	27.28	37S
Analysis.....	50.70	11.10	2.33	2.94	5.00	27.93	550S
<b>Pieffer Rice Milling Company, Inc., Houston, Texas.</b>							
Rice Bran containing Limestone.....	12.00	12.00	15.00	35.00	-----	-----	1352A
Analysis.....	13.04	15.73	13.29	35.76	9.39	12.79	331M
Analysis <sup>56S</sup> .....	11.80	13.83	14.48	35.06	9.39	15.44	66T
Rice Polishings containing Limestone.....	12.00	8.00	4.00	55.00	-----	-----	1352B
Analysis.....	13.53	14.16	3.50	49.34	11.31	8.16	23M
Analysis.....	14.28	14.56	3.06	50.03	9.69	8.38	85M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>56S</sup>Used by purchaser in manufacture of mixed feed.<sup>56E</sup>Excess of ground limestone found.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Pierce Grain Company, Houston, Texas.</b>							
Mi Brand Growing Mash.....	20.00	3.50	6.50	48.50	.....	.....	1660C
Analysis <sup>e567</sup> .....	18.33	4.39	5.89	51.00	9.58	10.81	101M
Mi Victory Brand Growing Mash.....	20.50	3.50	6.00	46.30	.....	.....	1660C
Analysis <sup>e568</sup> .....	22.16	4.44	4.29	49.37	10.82	8.92	252M
Mi Brand Dairy Feed.....	21.00	4.00	9.00	47.00	.....	.....	1660D
Analysis <sup>e</sup> .....	19.38	3.82	9.75	45.72	11.33	10.00	100M
Mi Victory Brand Dairy Feed.....	20.60	4.00	9.00	46.00	.....	.....	1660D
Analysis <sup>e</sup> .....	11.83	3.08	13.75	49.12	12.52	9.70	254M
Mi Brand Egg Mash.....	23.50	4.00	6.00	40.00	.....	.....	1660E
Analysis <sup>e569</sup> .....	19.91	5.85	5.80	46.71	10.70	11.03	145M
Mi Victory Brand Egg Mash.....	20.50	4.00	5.30	44.00	.....	.....	1660E
Analysis <sup>e</sup> .....	22.59	5.94	4.58	45.75	9.64	11.50	253M
Econo Brand Mixed Feed—Dry.....	9.00	3.70	22.30	41.00	.....	.....	1660F
Analysis <sup>e570</sup> .....	8.30	2.04	13.39	54.81	12.14	9.32	146M
<b>Pietsch &amp; Boysen, Yoakum, Texas.</b>							
Special Five Laying Mash.....	18.50	3.70	8.00	46.00	.....	.....	1385Q
Analysis <sup>e571</sup> .....	21.65	3.15	6.94	52.05	9.56	6.65	413H
O. K. Brand All-Mash Chick Starter.....	18.00	4.00	6.20	51.00	.....	.....	1385U
Analysis <sup>e</sup> .....	18.70	3.16	4.96	55.40	10.27	7.51	404H
<b>Pillsbury Feed Mills, Division Pillsbury Flour Mills Co., Clinton, Iowa.</b>							
Pillsbury's 16% Protein Dairy Feed.....	16.00	3.00	12.00	48.00	.....	.....	1808F
Analysis <sup>e572</sup> .....	16.02	4.73	11.28	47.63	9.55	10.79	276T
Pillsbury's Best Starter and Grower Mash.....	17.00	3.50	7.00	50.00	.....	.....	1808P
Analysis <sup>e573</sup> .....	17.65	3.48	5.63	58.01	9.00	6.23	499H
Analysis <sup>e573</sup> .....	18.20	3.78	5.33	57.23	8.81	6.65	527S
Pillsbury's Best Egg Mash.....	19.00	3.50	7.00	50.00	.....	.....	1808V
Analysis <sup>e</sup> .....	19.30	3.35	5.10	53.40	10.21	8.64	99W
Analysis <sup>e</sup> .....	19.68	3.13	4.70	54.96	9.55	7.98	392H
Pillsbury's Best Growing Mash.....	16.00	3.50	7.50	52.00	.....	.....	1808X
Analysis <sup>e574</sup> .....	16.81	3.36	5.66	57.80	9.37	7.00	526S
Pillsbury's Best 32% Protein Maxi-Meal.....	32.00	5.00	7.00	38.00	.....	.....	1808A5
Analysis <sup>e575</sup> .....	30.78	4.97	4.38	36.41	8.89	14.57	146W
Pillsbury's Best 32% Protein Maxi-Meal Concentrate for Hogs.....	32.00	4.00	6.50	35.00	.....	.....	1808A5
Analysis <sup>e</sup> .....	32.60	4.08	5.43	36.16	9.02	12.71	393H
Thrifty Egg Mash Pellets.....	18.00	3.50	8.00	50.00	.....	.....	1808B2
Analysis <sup>e576</sup> .....	19.20	3.39	5.06	55.66	9.72	6.97	291S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>e567</sup>Rice bran found, not claimed. Excess of salt found.<sup>e568</sup>Cottonseed meal found, not claimed.<sup>e569</sup>Fish meal claimed, not found. Rice bran found, not claimed.<sup>e570</sup>Ground whole barley, molasses, and rice hulls found, not claimed. Peanut hulls claimed, not found.<sup>e571</sup>Soybean oil meal found, not claimed.<sup>e572</sup>Excess of ground limestone found.<sup>e573</sup>Deficient in ground limestone.<sup>e574</sup>Deficient in ground limestone.<sup>e575</sup>Excess of ground limestone found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Pillsbury Feed Mills (Continued), Division Pillsbury Flour Mills Co., Clinton, Iowa.</b>							
Pillsbury's Best Pig and Sow Feed.....	18.00	3.00	8.00	50.00			1808B4
Analysis <sup>a</sup> .....	18.50	3.43	5.89	54.71	10.51	6.96	437J
Pillsbury's Best 26% Protein Steer Mash Concentrate Pellets.....	26.00	2.00	8.50	30.00			1808B7
Analysis <sup>a</sup> .....	32.94	3.45	6.26	34.53	8.64	14.18	379J
Pillsbury's Best Chick Starter.....	18.00	3.50	6.50	50.00			1808C2
Analysis <sup>a</sup> .....	19.77	4.16	6.22	54.05	9.30	6.50	391H
<b>Pillsbury Flour Mills Company, Minneapolis, Minnesota, and Branches.</b>							
Pillsbury's Wheat Gray Shorts.....	16.00	3.50	6.00	55.00			70A
Analysis.....	18.40	4.32	5.42	55.87	11.87	4.12	292H
Analysis.....	19.32	4.95	5.53	56.47	9.48	4.25	538K
<b>Pinkney Packing Company, Amarillo, Texas.</b>							
50% Protein Digester Tankage with Bone.....	50.00	5.00	3.00	0.00			2372C
Analysis.....	50.81	14.36	1.08	1.53	6.60	25.62	47K
<b>Pioneer Flour Mills, San Antonio, Texas.</b>							
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00			129F
Analysis.....	17.27	3.56	4.75	58.37	12.46	3.59	7A
Analysis.....	17.22	3.94	4.79	57.96	12.66	3.43	12H
Texas Pioneer Laying Mash.....	18.00	3.50	7.20	46.80			129N
Analysis <sup>676</sup> .....	19.19	4.66	7.05	51.33	10.40	7.37	362H
Analysis.....	18.55	4.82	6.16	50.92	10.44	9.11	101W
Texas Pioneer 18% Protein Dairy Feed.....	18.00	3.50	9.00	48.50			129O
Analysis.....	18.65	4.59	7.01	51.54	11.74	6.47	11H
Texas Pioneer Cow Feed.....	10.00	3.00	13.50	51.40			129P
Analysis <sup>677</sup> .....	12.27	4.43	6.20	61.29	10.06	5.75	495H
Texas Pioneer 24% Protein Dairy Feed.....	24.00	3.30	10.00	42.50			129S
Analysis.....	23.12	3.45	8.54	47.13	10.87	6.89	88H
16.50% Protein Dairy Feed.....	16.50	4.00	9.60	49.30			129V
Analysis.....	17.20	5.22	6.75	54.47	8.69	7.67	496H
<b>Pittsburg Cotton Oil Company, Pittsburg, Texas.</b>							
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00			580C
Analysis <sup>a</sup> .....	38.99	6.25	12.04	27.49	9.57	5.66	146J
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00			580E
Analysis.....	44.39	7.66	10.96	23.87	7.56	5.56	247J
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00			580J
Analysis.....	43.86	6.54	8.48	26.50	8.50	6.12	47J
<b>Plains Cooperative Oil Mill, Lubbock, Texas.</b>							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00			1476A
Analysis.....	44.58	6.88	8.38	27.40	6.78	5.98	269K
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			1476B
Analysis.....	43.16	7.19	8.57	28.17	7.03	5.88	201K
Analysis.....	44.11	7.49	7.92	27.94	6.37	6.17	223K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>676</sup>Soybean oil meal found, not claimed.<sup>677</sup>Peanut hulls claimed, not found. Deficient in ground limestone.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Planters Cotton Oil Company, Dallas, Texas.</b>							
Golden Rod Brand 43% Protein							
Cottonseed Meal	43.00	6.00	12.00	23.00			1850J
Analysis	44.19	6.65	10.11	25.92	6.78	6.35	57T
Analysis	42.89	5.78	10.17	26.97	8.36	5.83	60T
Analysis	44.51	8.63	8.73	25.48	6.50	6.15	317T
Analysis	45.25	7.46	8.75	25.67	6.25	6.62	354T
Golden Rod Brand 43% Protein							
Coarse Cottonseed Meal	43.00	6.00	12.00	23.00			1850M
Analysis	43.44	6.67	9.16	26.97	7.69	6.07	134T
41% Protein Soybean Oil Meal	41.00	5.00	6.00	28.00			1850N
Analysis <sup>a</sup>	45.42	5.30	6.39	28.50	8.37	6.02	147T
41% Protein Soybean Oil Cake	41.00	5.00	6.00	28.00			1850P
Analysis <sup>a</sup>	45.24	5.59	5.83	29.74	7.24	6.36	445K
<b>Planters Cotton Oil Mill, Ennis, Texas.</b>							
41% Protein Soybean Oil Meal	41.00	5.00	6.00	28.00			2343D
Analysis	44.70	6.11	5.50	29.38	8.23	6.08	35W
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			2343H
Analysis	43.15	5.62	10.59	27.17	7.54	5.93	121T
Analysis	45.00	5.98	9.10	26.36	7.57	5.99	35W
<b>Planters Cotton Oil Company, Weatherford, Texas.</b>							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			2625A
Analysis <sup>c</sup>	40.33	6.73	9.60	28.28	8.95	6.11	20T
43% Protein Soybean Oil Meal	43.00	5.00	6.00	27.00			2625F
Analysis <sup>b78</sup>	43.69	5.94	5.58	29.33	9.45	6.01	105T
Analysis	43.10	7.40	5.31	29.06	8.40	6.73	245T
<b>Ponca City Milling Company, Inc., Ponca City, Oklahoma.</b>							
Wheat Brown Shorts and Screenings	15.00	3.50	7.50	53.00			1466F
Analysis	15.92	3.38	6.44	56.84	13.02	4.40	232M
Supreme Brand All-Mash Chick Ration	18.00	5.00	6.00	50.00			1466G
Analysis <sup>b79</sup>	16.21	2.49	5.09	59.29	9.28	7.64	413J
Supreme Brand 16% Protein Milk-Producer	16.00	3.00	13.00	48.30			1466I
Analysis <sup>b80</sup>	16.08	3.60	8.74	52.29	10.90	8.39	124W
Supreme Brand All-Mash Chick Starter	17.50	3.50	6.70	51.00			1466N
Analysis	18.75	4.52	6.63	52.60	10.65	6.85	385J
Supreme Brand 11% Protein Horse and Mule Feed	11.00	2.60	10.00	57.50			1466S
Analysis <sup>b81</sup>	12.91	2.27	6.98	57.30	10.76	9.78	396J
Supreme Brand 16% Protein Dairy Ration	16.00	3.00	15.80	43.50			1466A2
Analysis <sup>b82</sup>	15.56	3.09	4.79	62.79	11.10	2.67	500J
Supreme Brand 24% Protein Dairy Ration	24.00	4.00	15.50	35.80			1466A3
Analysis	24.30	4.33	10.04	43.27	8.85	9.21	327J
Supreme Brand Hog Fat-Ner	15.00	3.00	7.20	53.70			1466A4
Analysis	14.93	2.48	6.70	57.94	8.77	9.18	122W
Supreme Brand Egg-Producer	19.00	3.50	8.00	49.40			1466A5
Analysis	17.89	2.78	6.51	55.77	10.38	6.67	453J
Supreme All-Mash Poultry Ration							
Analysis <sup>a</sup>	14.34	2.89	8.54	53.08	11.03	10.12	359J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>b78</sup>Defaced and incorrectly printed tags attached.<sup>b79</sup>Calcium carbonate found, not claimed.<sup>b80</sup>Soybean oil meal found, not claimed.<sup>b81</sup>Wheat found, not claimed. Bluegrass meal claimed, not found. Excess of ground limestone found.<sup>b82</sup>Alfalfa meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Portales Milling Company,</b> Portales, New Mexico.							
O. K. Brand 30% Protein All-Purpose Supplement	30.00	4.00	10.00	22.50	-----	-----	2319J
Analysis	33.57	5.63	8.97	29.34	6.70	15.79	477K
<b>Port City Packing Company,</b> Houston, Texas.							
Big State Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	-----	-----	1500A
Analysis	53.40	9.10	1.44	.59	6.63	28.84	87M
<b>Porter &amp; White,</b> Knox City, Texas.							
Keep 'Em-Milking Brand Dairy Feed	17.00	3.50	12.50	48.00	-----	-----	1524H
Analysis	18.04	4.49	10.14	53.51	8.22	5.60	333T
A-1 Brand Starting Mash	16.00	4.00	6.00	53.00	-----	-----	1524Q
Analysis	17.67	4.76	5.98	54.47	9.48	7.64	331S
A-1 Brand Chick Grower	16.50	3.50	7.70	52.30	-----	-----	1524R
Analysis	17.23	4.42	6.34	55.14	10.02	6.85	386S
Analysis	18.63	4.57	5.17	55.69	9.56	6.38	334T
Our 37% Protein Supplement for Hogs	37.00	4.70	12.50	15.50	-----	-----	1524V
Analysis <sup>583</sup>	37.60	6.28	10.04	19.76	7.64	18.68	13S
Analysis <sup>584</sup>	38.69	8.46	10.14	21.50	6.99	14.22	190S
Our Leader Brand Egg Laying Mash	18.00	3.50	8.00	49.00	-----	-----	1524W
Analysis <sup>585</sup>	19.05	4.51	6.02	52.27	9.80	8.35	65S
Keep 'Em Laying Brand Egg Mash	19.50	3.50	8.00	47.00	-----	-----	1524X
Analysis	19.28	3.86	7.45	50.94	9.25	9.24	267S
Keep 'Em Milking Brand Dairy Feed	18.00	3.00	9.30	52.50	-----	-----	1524Z
Analysis <sup>586a</sup>	17.69	3.22	10.51	52.93	9.68	5.97	330S
<b>Power Grain Company,</b> Dallas, Texas.							
Hi-Power Brand Egg Mash	20.00	3.70	8.00	45.00	-----	-----	2187B
Analysis <sup>586</sup>	21.31	4.00	6.74	50.82	9.25	7.88	72T
Hi-Power Brand 18% Protein Dairy Feed	18.00	3.50	12.50	45.50	-----	-----	2187C
Analysis <sup>587</sup>	19.81	3.77	9.93	50.97	7.90	7.62	73T
Analysis <sup>588</sup>	18.92	3.06	8.28	51.88	9.96	7.90	318T
Hi-Power Brand Chick Starter	17.00	3.60	6.00	54.00	-----	-----	2187I
Analysis <sup>589</sup>	15.50	3.87	5.05	59.06	10.02	6.50	319T
<b>Pratt Food Company,</b> Hammond, Indiana.							
Pratt's Poultry-Mix	33.00	5.00	6.00	34.00	-----	-----	2666A
Analysis	37.46	3.63	5.90	36.09	10.55	6.37	150M
Pratt's Vital-Trate 16-D	24.50	3.50	8.00	44.00	-----	-----	2666B
Analysis <sup>a</sup>	28.80	9.51	9.07	39.66	8.08	4.88	54K
Analysis <sup>a</sup>	25.95	8.48	9.46	41.87	8.33	5.91	233T
Pratt's Vital-Trate 50-D	24.50	3.50	9.50	44.00	-----	-----	2666C
Analysis <sup>590</sup>	31.50	7.31	9.36	38.92	8.67	4.44	509M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>583</sup>Excess of salt found.<sup>584</sup>Excess of salt found. Deficient in ground limestone.<sup>585</sup>Fish meal claimed, not found.<sup>586a</sup>Registration canceled.<sup>586b</sup>Kafir meal found, not claimed.<sup>587</sup>Milo chop found, not claimed.<sup>588</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>589</sup>Corn gluten feed found, not claimed. Deficient in oyster shell.<sup>590</sup>Wheat bran found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Presley Brothers Mill, Breckenridge, Texas.</b>							
Presley's Growing Mash	18.00	3.50	7.00	49.00			1705I
Analysis <sup>j</sup>	18.60	3.86	5.11	55.79	9.02	7.62	283T
Presley's 17% Protein Dairy Feed	17.00	3.50	13.00	46.00			1705J
Analysis <sup>501</sup>	20.27	2.77	11.21	48.17	11.00	6.58	27T
Analysis <sup>502</sup>	15.98	3.31	12.79	48.53	11.28	8.11	113T
<b>Pritchard Rice Milling Company, Houston, Texas.</b>							
Primco Rice Polishings containing Limestone	12.00	10.00	4.00	50.00			617A
Analysis	13.20	13.81	2.11	50.09	10.87	9.92	353M
Primco Rice Bran containing Limestone	12.00	12.00	15.00	38.00			617B
Analysis <sup>503</sup>	12.60	16.54	11.09	37.49	7.62	14.66	88J
Analysis <sup>503</sup>	11.01	14.71	13.76	36.53	8.10	15.89	325M
<b>Producers Cooperative Mill, Midlothian, Texas.</b>							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			502I
Analysis <sup>504</sup>	41.11	7.03	11.89	26.69	7.65	5.63	95T
43% Protein Cracked Cottonseed Cake	43.00	5.20	12.00	25.00			502J
Analysis <sup>505</sup>	42.84	6.26	11.43	27.06	6.64	5.77	81T
Midco Growing Mash	18.00	3.50	6.00	51.50			502N
Analysis <sup>506</sup>	19.21	4.00	6.90	54.19	9.37	6.33	256W
Midco Dairy Feed	19.00	3.50	11.50	43.00			502P
Analysis <sup>507</sup>	19.12	2.84	12.74	48.27	10.09	6.94	208W
<b>Quaker Oats Company, Chicago, Illinois.</b>							
Quaker 24% Protein Dairy Feed	24.00	3.00	10.00	46.00			1379A
Analysis <sup>a</sup>	24.04	4.02	9.87	45.03	10.86	6.18	4J
Quaker 24% Protein Dairy Feed	24.00	3.00	14.00	46.00			1379A
Analysis	24.68	5.19	9.19	44.07	9.21	7.66	339J
Quaker 20% Protein Range Feed Cubes	20.00	3.50	7.00	50.00			1379R
Analysis <sup>a</sup>	19.22	5.04	6.55	53.04	10.91	5.24	167K
Quaker 20% Protein Range Feed Cubes	20.00	3.50	8.00	50.00			1379R
Analysis	20.40	5.01	6.39	51.71	10.93	5.56	377K
Ful-O-Pep Brand Crate Fattener	13.00	4.00	7.50	60.00			1379V
Analysis	15.13	4.37	7.54	59.74	8.79	4.43	481J
Analysis	15.96	4.58	6.68	59.16	9.66	3.96	256K
<b>Big Egg Brand Chick Starter-Growing Mash</b>	17.00	4.00	7.00	50.00			1379W
Analysis	18.25	5.39	6.68	52.17	10.19	7.32	325S
<b>Big Egg Brand Laying Mash</b>	18.00	3.70	8.00	50.00			1379X
Analysis	19.16	4.73	7.15	51.12	10.33	7.51	83H
Analysis	20.06	4.49	6.99	50.57	10.32	7.57	32J
Analysis	18.99	5.20	6.56	52.01	10.34	6.90	86S
Analysis	20.10	4.67	6.29	51.93	10.47	6.54	45T
Analysis <sup>a</sup>	19.08	5.22	7.00	52.60	9.44	6.66	125T
Analysis	19.00	5.55	5.75	51.89	10.76	7.05	356J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>501</sup>Soybean oil meal, corn gluten feed, and alfalfa leaf meal found, not claimed.<sup>502</sup>Alfalfa leaf meal found, not claimed. Excess of salt found.<sup>503</sup>Excess of ground limestone found.<sup>504</sup>Off quality.<sup>505</sup>Short in weight.<sup>506</sup>Deficient in oyster shell and salt.<sup>507</sup>Ground peanut hay claimed, not found. Meat and bone scraps and alfalfa leaf meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Quaker Oats Company (Continued), Chicago, Illinois.</b>							
Ful-O-Pep Brand Growing Mash	19.00	4.50	7.00	50.30			1379A1
Analysis <sup>e</sup>	21.00	4.89	6.22	52.77	7.36	7.76	273K
Ful-O-Pep Brand Growing Mash	19.00	4.50	7.00	47.00			1379A1
Analysis	18.97	4.02	5.52	55.06	9.39	7.04	407H
Analysis	20.65	4.67	7.33	50.77	9.40	7.18	426S
Quaker Sugared Schumacher Pellets	10.00	3.00	12.00	55.00			1379A8
Analysis	11.04	3.92	10.32	59.32	10.13	5.27	289M
Analysis	12.97	3.82	9.39	59.88	8.70	5.24	337S
Analysis <sup>ib</sup>	13.36	3.47	10.74	56.94	9.19	6.30	110T
Analysis	11.42	5.32	11.32	57.85	9.18	4.91	136W
Ful-O-Pep Brand Chick Starter	17.00	4.50	7.00	50.00			1379B5
Analysis <sup>508</sup>	20.33	5.74	6.44	49.44	10.53	7.52	98H
Analysis <sup>e</sup>	18.98	4.99	6.25	52.18	10.10	7.50	225K
Analysis	19.06	5.28	6.27	54.08	9.09	6.22	419J
Analysis	18.69	5.03	5.54	55.41	9.44	5.89	170W
Quaker 16% Protein Dairy Feed	16.00	3.00	14.70	48.00			1379B6
Analysis <sup>e</sup>	15.47	3.45	13.32	51.73	10.22	5.81	41S
Analysis	16.83	3.70	11.55	52.01	10.40	5.51	231H
Analysis	16.09	3.10	11.25	53.62	10.87	5.07	298J
Analysis <sup>e</sup>	16.12	3.35	13.05	53.32	9.26	4.90	328M
Analysis <sup>e</sup>	16.36	3.75	12.21	54.00	8.17	5.51	384K
Quaker 16% Protein Dairy Feed	16.00	3.00	12.50	45.00			1379B6
Analysis <sup>509</sup>	18.03	3.41	10.39	54.18	8.94	5.05	490J
Analysis	16.82	3.31	10.12	55.82	9.39	4.54	525S
Quaker 40% Protein Supplement for Hogs	40.00	4.00	7.00	29.00			1379B8
Analysis <sup>e</sup>	39.12	5.32	6.31	27.96	10.38	10.91	97H
Quaker 40% Protein Supplement for Hogs	40.00	4.00	8.00	29.00			1379B8
Analysis <sup>500</sup>	41.22	4.65	5.49	28.57	11.22	8.85	187J
Analysis <sup>a</sup>	40.92	5.14	6.10	28.14	9.82	9.88	142K
Analysis <sup>500</sup>	39.90	3.47	4.41	35.38	9.07	7.77	179S
Aunt Jemina Wheat Gray Shorts and Screenings	16.00	4.00	6.00	55.00			1379D2
Analysis	18.82	4.03	6.02	55.61	11.09	4.43	486J
Analysis	17.80	3.82	5.64	57.95	10.98	3.81	307K
Analysis	18.49	3.78	5.86	56.60	11.13	4.14	471M
Quaker 40% Protein Supplement Pellets for Hogs	40.00	4.00	8.00	29.00			1379D7
Analysis	40.30	6.14	6.02	28.85	9.92	8.77	65T
Ful-O-Pep Brand Broiler Mash Pellets	19.00	4.00	8.00	49.00			1379E1
Analysis	21.41	5.14	6.40	52.60	7.11	7.34	450S
Ful-O-Pep Brand Laying Mash	20.00	4.50	8.00	45.00			1379E3
Analysis <sup>e</sup>	20.90	4.92	7.00	50.74	9.55	6.89	50K
Ful-O-Pep Brand Laying Mash	20.00	4.00	8.00	45.00			1379E3
Analysis	22.25	4.31	7.09	48.44	9.94	7.97	311J
Analysis	22.85	5.76	6.94	47.83	8.83	7.79	262S
Analysis <sup>e</sup>	22.12	4.55	7.27	51.79	8.57	5.70	411S
Analysis	21.20	4.94	7.85	49.68	9.44	6.89	235W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>508</sup>Corn gluten feed found, not claimed.<sup>509</sup>Rice bran claimed, not found.<sup>500</sup>Corn gluten feed found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Quaker Oats Company (Continued),</b> Chicago, Illinois.							
Ful-O-Pep Brand Laying Mash Pellets	20.00	4.50	8.00	45.00			1379E4
Analysis <sup>a</sup>	19.27	4.83	6.37	53.26	9.95	6.32	76M
Ful-O-Pep Brand Laying Mash Pellets	20.00	4.00	8.00	45.00			1379E4
Analysis	23.40	4.95	7.32	47.21	9.59	7.53	100W
Ful-O-Pep Brand Broiler Mash	19.00	4.00	7.00	49.80			1379E5
Analysis <sup>a</sup>	19.51	4.90	6.02	52.89	10.34	6.34	6W
Ful-O-Pep Brand Broiler Mash	19.00	4.00	8.00	49.00			1379E5
Analysis	19.98	4.63	6.80	51.59	9.84	7.16	489H
Analysis	19.92	4.14	6.93	52.37	9.34	7.30	504J
Aunt Jemima Low-Fat Hominy Feed	10.00	5.00	7.00	60.00			1379E6
Analysis <sup>601</sup>	12.53	6.09	6.18	61.19	10.64	3.37	182H
Analysis	12.25	6.16	5.33	63.81	9.12	3.33	185K
Quaker Pig-N-Hog Feed	16.00	4.00	8.00	46.00			1379F1
Analysis	17.75	4.62	6.79	54.93	8.47	7.44	385K
Quaker Schumacher Feed	12.00	3.00	12.00	55.00			1379F4
Analysis	12.52	3.38	11.49	57.65	9.65	5.31	84H
Analysis	12.64	3.99	11.19	57.73	9.33	5.12	235J
Analysis <sup>a</sup>	12.42	3.20	10.16	58.90	10.43	4.89	5W
Quaker Schumacher Feed	10.00	3.00	12.00	55.00			1379F4
Analysis	11.78	4.52	10.20	60.26	8.56	4.68	232H
Analysis	10.55	3.34	11.27	61.12	10.06	3.66	436J
Analysis	10.94	3.20	11.07	59.62	10.99	4.18	455M
Analysis	11.98	2.41	11.86	59.65	9.89	4.21	236W
Smith's Best Wheat Bran	14.50	3.00	10.00	50.00			1379F5
Analysis	17.13	3.98	9.14	52.44	11.54	5.77	166K
Quaker 18% Protein Dairy Feed	18.00	3.00	14.00	47.50			1379F8
Analysis <sup>602</sup>	18.83	2.79	12.06	49.96	10.89	5.47	28T
Analysis <sup>602</sup>	17.09	3.58	11.33	50.12	12.17	5.71	322M
Ful-O-Pep Brand 24% Protein Dairy Feed	24.00	4.00	9.00	41.00			1379G3
Analysis <sup>a</sup>	24.71	5.78	9.00	42.87	10.36	7.28	24H
Ful-O-Pep Brand 24% Protein Dairy Feed	24.00	4.00	10.00	41.00			1379G3
Analysis	23.87	5.65	8.83	43.87	10.99	6.79	212H
Ful-O-Pep Brand Calf Meal	20.00	4.50	8.00	49.00			1379G4
Analysis	21.24	4.88	6.78	50.58	8.83	7.69	374K
Ful-O-Pep Brand Pig-N-Sow Feed	16.00	4.00	8.00	50.00			1379G7
Analysis <sup>a</sup>	18.21	4.40	6.96	53.78	10.27	6.38	433J
Analysis	18.60	4.83	5.03	57.34	8.23	5.97	557K
Early Bird Brand Broiler Mash	19.00	4.50	8.00	45.00			1379H4
Analysis <sup>7</sup>	19.59	4.26	7.06	53.69	8.91	6.49	507S
Ful-O-Pep Brand 32% Protein Supplement for Cattle	32.00	3.50	8.00	35.00			1379H9
Analysis	32.30	4.44	7.86	38.62	10.34	6.44	257K
Ground Wheat	12.00	2.00	3.00	70.00			1379J2
Analysis	15.16	1.56	3.06	65.89	12.53	2.00	15J
Quaker 16% Protein Range Feed Pellets	16.00	3.50	7.00	54.00			1379J6
Analysis	16.50	4.70	5.21	57.04	11.02	5.53	252S
<b>Quality Feed Company,</b> Houston, Texas.							
Quality Brand Laying Mash	18.50	3.60	7.00	46.00			767B
Analysis	23.50	5.02	6.18	46.25	10.63	8.42	138M
Quality Brand Dairy Feed	19.00	4.50	15.00	39.00			767C
Analysis <sup>603</sup>	20.76	4.59	11.54	43.70	10.69	8.72	139M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>601</sup>Some screenings present.<sup>602</sup>Deficient in cottonseed meal.<sup>603</sup>Soybean oil meal, linseed meal, and bone meal claimed, not found. Milo meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Quality Feed Store, Waco, Texas.</b>							
Sure-Fine Brand Laying Mash	20.00	3.70	7.50	44.00			2002F
Analysis <sup>604</sup>	18.07	4.96	5.75	50.09	10.08	11.05	58W
Utility Brand Stock Feed	13.70	4.00	10.20	53.00			2002O
Analysis	13.48	3.36	7.80	58.66	11.10	5.60	117W
<b>Quality Mills, Austin, Texas.</b>							
Red Top Sweet Feed	13.00	2.40	10.50	54.00			277J
Analysis	13.16	2.77	10.22	54.16	11.61	8.08	10A
Pennant Special Laying Mash	20.50	3.50	7.40	44.60			277N
Analysis	23.62	4.98	6.70	45.78	10.06	8.86	200H
Pennant All-Mash Chick Starter	16.50	3.50	6.00	52.00			277W
Analysis	17.70	4.52	5.41	55.18	10.73	6.46	345H
Austin Maid Laying Mash	20.00	3.70	7.20	46.00			277Z
Analysis	24.05	5.16	7.14	45.51	9.18	8.96	201H
Analysis	22.58	4.43	5.38	49.13	10.25	8.23	346H
Pennant Broiler and Finishing Mash	13.70	3.50	6.00	59.00			277C6
Analysis	15.33	4.00	4.31	60.68	11.10	4.58	70H
<b>Quannah Cotton Oil Company, Quannah, Texas.</b>							
Quannah Sweet Feed	11.00	1.60	32.00	37.00			713A
Analysis <sup>1</sup>	12.17	1.91	30.77	40.93	9.35	4.87	174K
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00			713I
Analysis	44.20	6.06	10.62	27.16	5.86	6.10	249T
43% Protein Cottonseed Cake	43.00	5.20	12.00	23.00			713J
Analysis	43.55	6.09	9.28	27.44	7.26	6.38	D
43% Protein Coarsely Ground Cottonseed Meal	43.00	5.20	12.00	23.00			713P
Analysis	42.56	6.00	8.60	28.70	7.55	6.59	E
43% Protein Cottonseed Cubes	43.00	5.20	12.00	23.00			713S
Analysis <sup>6</sup>	42.38	6.00	9.25	27.99	8.05	6.33	71K
Analysis <sup>6</sup>	41.62	6.00	9.75	28.49	7.73	6.41	73K
Analysis <sup>6</sup>	42.28	6.01	10.28	26.93	8.33	6.17	114K
Analysis <sup>6</sup>	42.29	6.15	10.93	26.14	8.28	6.21	115K
Analysis <sup>6</sup>	42.13	6.15	10.78	26.38	8.45	6.11	116K
Analysis <sup>6</sup>	42.63	6.32	9.03	27.93	7.82	6.27	117K
Analysis <sup>6</sup>	42.25	6.18	9.59	27.24	8.37	6.37	118K
Analysis <sup>6</sup>	42.37	6.39	9.87	26.96	7.87	6.54	119K
Analysis <sup>6</sup>	42.38	6.00	10.00	27.15	7.97	6.50	120K
Analysis <sup>6</sup>	42.28	5.87	11.19	26.72	7.94	6.00	121K
Analysis <sup>6</sup>	42.31	5.86	9.95	27.97	7.79	6.12	122K
Analysis <sup>6</sup>	42.61	5.78	10.78	27.20	7.74	5.89	123K
Analysis <sup>6</sup>	42.10	5.86	10.64	27.52	7.66	6.22	216K
Analysis <sup>6</sup>	42.62	5.99	10.81	27.33	7.14	6.11	217K
Analysis <sup>6</sup>	42.50	6.06	9.89	27.68	7.63	6.24	218K
Analysis <sup>6</sup>	41.96	5.90	10.60	27.75	7.52	6.27	219K
Analysis <sup>6</sup>	41.40	6.27	9.79	29.83	6.49	6.22	220K
Analysis <sup>6</sup>	42.13	5.73	10.89	28.90	6.64	5.71	180T
<b>Quinn Fisheries, Wallace M., Pascagoula, Mississippi.</b>							
Quinn's 60% Protein Fish Meal	60.00	2.00	1.00	1.00			1439A
Analysis <sup>6</sup>	59.46	7.41	.82	1.41	7.17	23.73	511J
Analysis <sup>6</sup>	61.80	7.83	.23	1.38	7.29	21.47	58T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>604</sup>Rice bran and bean meal found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Ralston Purina Company, Fort Worth, Texas.</b>							
Purina Chick Growers	17.00	3.50	7.00	48.00			346A
Analysis <sup>a</sup>	19.04	3.80	4.75	55.99	11.04	5.38	259J
Analysis <sup>a</sup>	18.26	3.83	4.65	56.01	11.20	6.05	325H
Analysis	17.25	3.28	4.38	59.31	9.85	5.93	383H
Analysis	16.67	3.28	4.13	61.11	10.02	4.79	498K
Analysis	17.40	3.18	4.22	59.90	10.39	4.91	448M
Analysis	19.32	3.66	4.76	57.57	9.36	5.33	506S
Purina Broiler Chow	18.00	3.50	7.00	46.00			346B
Analysis <sup>a</sup>	22.86	3.83	5.11	53.25	10.42	4.53	37W
Analysis <sup>a</sup>	19.46	4.15	4.94	53.86	11.57	6.02	253J
Analysis <sup>a</sup>	18.89	4.13	5.19	55.34	10.63	5.82	337K
Analysis	18.90	3.28	6.05	55.91	9.41	6.45	332T
Purina Omolene	10.00	3.00	11.00	56.00			346C
Analysis <sup>a</sup>	13.47	5.05	6.76	59.47	10.63	4.62	38K
Analysis	11.98	3.96	7.94	57.66	13.52	4.94	330M
Purina Chicken Fatena	14.00	3.00	8.00	54.00			346D
Analysis <sup>b</sup>	16.29	4.40	6.42	59.31	9.41	4.17	165K
Purina Calf Startena	19.50	2.50	9.50	43.00			346K
Analysis <sup>a</sup>	19.96	4.42	8.17	49.03	10.78	7.64	213S
Analysis	21.28	4.00	7.87	50.41	9.36	7.08	330T
Purina Texas 16% Protein Milk Chow	16.00	3.00	12.00	48.00			346S
Analysis <sup>a</sup>	21.09	3.30	7.19	51.26	10.04	7.12	53J
Analysis <sup>a</sup>	16.60	3.34	8.43	53.60	11.03	7.00	503K
Analysis <sup>a605</sup>	17.95	3.91	7.78	52.58	10.37	7.41	438M
Analysis <sup>j</sup>	18.29	3.91	7.03	57.32	7.42	6.03	492M
Analysis <sup>j</sup>	18.04	3.97	7.23	56.57	8.14	6.05	328T
Purina Dry and Freshening Chow	12.50	2.00	14.00	45.00			346T
Analysis <sup>a</sup>	14.75	3.36	10.20	53.66	9.78	8.25	272K
Purina Chick Startena	18.00	4.00	7.00	46.00			346X
Analysis	21.20	5.02	3.78	52.74	10.90	6.36	261H
Analysis	21.76	4.61	4.70	51.40	11.38	6.15	324H
Analysis	21.05	4.57	4.60	52.65	11.00	6.13	314J
Analysis	20.86	4.65	4.07	53.61	11.29	5.52	336S
Purina Sheep Feed Checkers	16.00	2.00	9.00	48.00			346Bs
Analysis <sup>a606</sup>	17.80	3.10	4.03	58.93	10.27	5.87	N
Analysis	17.09	3.01	4.03	60.01	9.93	5.93	320H
Purina Cattle Feed Checkers	16.00	2.00	9.00	48.00			346B9
Analysis	18.23	3.41	3.74	58.30	8.16	8.16	90T
Purina Layena Checkers (All-Mash Laying Ration)	15.50	3.50	8.00	47.00			346C2
Analysis	18.30	4.05	5.97	56.56	8.57	6.55	403S
Purina 22% Protein Lay Chow	22.00	3.50	8.00	42.00			346C9
Analysis <sup>a</sup>	25.71	3.95	7.36	45.70	9.37	7.91	58K
Analysis <sup>a607</sup>	23.62	3.68	5.35	49.37	9.18	8.80	449M
Analysis	21.63	3.52	6.06	51.14	9.48	8.17	216W
Purina 18% Protein Lay Chow	18.00	3.00	8.00	42.00			346D7
Analysis <sup>a</sup>	22.52	3.66	7.45	49.09	10.00	7.28	12J
Analysis	18.04	3.69	5.81	54.20	10.90	7.36	346M

*a, b, c, d, e, f, g, h, i, j, k*—See legend at the beginning of this table.<sup>605</sup>Cottonseed meal claimed, not found.<sup>606</sup>Soybean oil meal found, not claimed.<sup>607</sup>Excess of oyster shell and salt.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Ralston Purina Company (Cont.),</b> Fort Worth, Texas.							
Purina 32% Protein Chowder Supplement.....	32.00	4.50	9.00	26.00	.....	.....	346E3
Analysis <sup>608</sup> .....	30.33	5.08	6.04	34.58	8.22	15.75	494H
Analysis <sup>j</sup> .....	32.74	4.55	6.89	33.16	7.89	14.77	335T
Purina Texas 24% Protein Cow Chow.....	24.00	3.00	12.00	38.00	.....	.....	346E6
Analysis <sup>j</sup> <sup>b</sup> .....	25.41	4.86	11.28	38.81	10.15	9.49	233H
Analysis.....	24.75	4.81	11.92	40.35	9.92	8.25	365H
Analysis.....	23.72	2.67	10.86	44.67	9.06	9.02	474H
Analysis.....	25.81	4.24	10.33	42.61	8.76	8.25	495M
Analysis <sup>j</sup> .....	25.73	4.46	10.77	41.22	8.69	9.13	285S
Purina Hog Fatena.....	14.00	3.00	7.00	52.00	.....	.....	346F1
Analysis <sup>j</sup> .....	14.20	3.09	5.28	61.85	10.84	4.74	81W
Purina Turkey Startena.....	24.00	4.00	7.00	38.00	.....	.....	346F5
Analysis <sup>j</sup> <sup>b</sup> .....	24.40	4.59	4.38	49.94	8.51	8.18	159W
Purina Layena (All-Mash Laying Ration).....	15.50	3.50	8.00	47.00	.....	.....	346F9
Analysis <sup>j</sup> <sup>e</sup> .....	18.76	3.53	5.14	52.72	10.76	9.09	16H
Analysis.....	15.70	3.28	4.54	58.59	9.79	8.10	384H
Analysis <sup>609</sup> .....	18.15	3.89	5.13	53.98	10.77	8.08	347M
Analysis.....	15.50	3.72	4.72	55.83	10.67	9.56	118T
Purina 20% Protein Sheep Checkers.....	20.00	2.50	8.00	47.00	.....	.....	346G4
Analysis.....	20.93	3.77	5.49	54.13	9.04	6.64	53S
Purina Chick Growing Chow.....	23.00	3.50	7.00	42.00	.....	.....	346G5
Analysis.....	24.47	4.45	6.06	47.86	8.88	8.28	68K
Purina Hog Chow Supplement.....	36.00	3.00	14.00	25.00	.....	.....	346G9
Analysis <sup>e</sup> .....	36.70	4.67	9.77	27.73	8.65	12.48	38J
Analysis <sup>a</sup> <sup>e</sup> <sup>610</sup> .....	37.85	3.87	10.10	28.83	9.19	10.16	99K
Analysis.....	37.30	5.18	10.57	26.89	9.24	10.82	123H
Analysis.....	38.59	5.74	7.16	28.86	8.05	11.60	206H
Analysis <sup>e</sup> .....	37.25	6.54	10.52	26.64	7.69	11.36	213H
Purina War-Time Hog Chow Supplement.....	35.00	3.00	14.00	25.00	.....	.....	346G9
Analysis.....	36.00	3.83	10.23	30.73	7.59	11.62	496M
Analysis <sup>611</sup> .....	35.65	5.06	9.30	30.80	7.99	11.20	244T
Purina War-Time Sow and Pig Chow Supplement.....	28.00	3.00	10.00	36.00	.....	.....	346H1
Analysis.....	30.44	4.71	8.38	41.49	6.81	8.17	449S
Purina 20% Protein Cattle Feed Checkers A.....	20.00	2.50	8.00	47.00	.....	.....	346H9
Analysis.....	21.90	3.67	4.39	54.33	9.18	6.53	458S
Purina Texas 18% Protein Cow Chow.....	18.00	3.00	12.00	46.00	.....	.....	346J9
Analysis <sup>j</sup> <sup>b</sup> .....	20.75	3.99	6.82	49.72	10.91	7.81	234H
Analysis <sup>j</sup> .....	18.03	3.35	8.46	52.67	11.11	6.38	198T
Purina 20% Protein Cow Chow Supplement.....	20.00	3.00	12.00	43.00	.....	.....	346K1
Analysis.....	21.85	4.00	10.51	46.93	8.28	8.43	70J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>608</sup>Deficient in ground limestone. Excess of salt found.<sup>609</sup>Deficient in oyster shell.<sup>610</sup>Kafir meal found, not claimed. Molasses claimed, not found.<sup>611</sup>Calcium carbonate found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Ralston Purina Company,</b> <b>Lubbock, Texas.</b>							
Purina Texas 18% Protein Cow Chow.....	18.00	3.00	12.00	46.00	.....	.....	79C
Analysis.....	19.62	3.89	9.00	50.72	9.14	7.63	552K
Purina Texas 24% Protein Cow Chow.....	24.00	3.00	12.00	38.00	.....	.....	79D
Analysis <sup>a</sup> .....	26.11	5.38	11.19	40.82	7.41	9.09	241K
Analysis <sup>j</sup> .....	24.62	4.27	11.18	41.25	8.32	10.36	342K
Purina 32% Protein Chowder							
Supplement.....	32.00	4.50	9.00	26.00	.....	.....	79I
Analysis.....	34.98	5.43	6.87	31.36	8.18	13.18	75K
Analysis <sup>a</sup> .....	34.84	4.56	6.97	32.50	8.01	13.12	263K
Analysis <sup>a</sup> .....	32.30	5.35	6.83	31.05	7.38	17.09	555K
Purina Chick Growing Chow.....	23.00	3.50	7.00	42.00	.....	.....	79L
Analysis <sup>a</sup> .....	23.40	4.19	6.52	47.69	9.64	8.56	429K
Purina Broiler Chow.....	18.00	3.50	7.00	46.00	.....	.....	79M
Analysis <sup>a</sup> <sup>612</sup> .....	19.51	3.77	4.94	56.25	9.55	5.98	409K
Analysis.....	20.34	3.36	5.79	56.10	7.85	6.56	563K
Purina Chick Startena.....	18.00	4.00	7.00	46.00	.....	.....	79O
Analysis <sup>j</sup> .....	20.05	4.93	3.45	56.31	9.49	5.77	308K
Purina Chick Growena.....	17.00	3.50	7.00	48.00	.....	.....	79Q
Analysis.....	18.10	3.78	5.10	57.73	9.98	5.31	579K
Purina 22% Protein Lay Chow Checkers	22.00	3.50	8.00	42.00	.....	.....	79X
Analysis <sup>a</sup> .....	24.55	4.34	5.97	48.20	9.89	7.05	197K
Purina Turkey Startena.....	24.00	4.00	7.00	38.00	.....	.....	79B1
Analysis <sup>a</sup> .....	24.57	5.20	5.46	46.34	8.22	10.21	444K
Analysis <sup>b613</sup> .....	21.42	4.16	4.28	53.91	10.46	5.77	486K
Purina 20% Protein Cattle Feed							
Checkers.....	20.00	2.50	8.00	47.00	.....	.....	79B9
Analysis.....	22.43	3.90	10.95	45.09	9.09	8.54	124K
Analysis.....	22.23	3.94	6.26	50.00	9.22	8.35	125K
Analysis.....	21.91	3.83	5.97	50.12	9.84	8.33	126K
Analysis <sup>a</sup> .....	21.98	3.89	5.38	50.29	10.05	8.41	127K
Analysis <sup>a</sup> .....	20.98	3.71	3.66	54.47	8.51	8.67	286K
Analysis <sup>a</sup> .....	21.08	3.79	3.67	53.65	9.47	8.34	278S
Purina 20% Protein Sheep Feed							
Checkers.....	20.00	2.50	8.00	47.00	.....	.....	79C1
Analysis.....	22.31	3.74	6.94	49.58	9.20	8.23	138S
Purina Hog Chow Supplement.....	36.00	3.00	14.00	25.00	.....	.....	79C4
Analysis <sup>a</sup> .....	39.56	4.53	9.88	25.49	8.85	11.69	22K
Purina War-Time Hog Chow							
Supplement.....	35.00	3.00	14.00	25.00	.....	.....	79C4
Analysis <sup>614</sup> .....	33.83	4.67	9.59	30.99	8.22	12.70	531K
Purina War-Time Sow and Pig Chow							
Supplement.....	28.00	3.00	10.00	36.00	.....	.....	79C5
Analysis.....	28.69	4.94	8.68	40.66	8.35	8.68	454K
Purina Hog Fatena.....	14.00	3.00	7.00	52.00	.....	.....	79C9
Analysis <sup>j</sup> .....	14.60	3.19	4.68	62.70	9.67	5.16	370K
Purina Texas 16% Protein Milk Chow.....	16.00	3.00	7.00	52.00	.....	.....	79D2
Analysis <sup>a</sup> .....	18.38	3.03	6.45	55.99	9.68	6.47	145K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>612</sup>Short in weight.<sup>613</sup>Purina Chick Startena.<sup>614</sup>Calcium carbonate found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Ralston Purina Company (Cont.),</b> Lubbock, Texas.							
Protena Laying Mash	18.00	3.50	8.00	47.00			79D4
Analysis	19.57	2.81	6.00	51.14	10.72	9.76	188K
Purina Steer and Sheep Fatena Supplement	25.00	3.00	10.00	40.00			79E2
Analysis <sup>a615</sup>	26.03	3.78	6.23	45.94	10.28	7.74	107K
Purina 18% Protein Lay Chow	18.00	3.00	8.00	42.00			79E6
Analysis	19.80	3.20	6.13	53.31	9.39	8.17	353K
Protena Laying Mash	18.00	3.50	8.00	47.00			79F4
Analysis <sup>a</sup>	19.20	3.91	6.54	53.55	9.26	7.74	321K
<b>R. &amp; M. Feed Store,</b> Bowie, Texas.							
Farm Balanced Egg Mash	18.00	4.00	7.00	51.00			683F
Analysis <sup>616</sup>	18.42	3.87	5.50	52.51	10.75	8.95	30T
Farm Balanced Brand Dairy Feed	20.00	3.00	8.00	49.60			683J
Analysis	22.34	3.57	7.62	52.61	8.48	5.38	242T
<b>Randolph-Norman Grain Company,</b> Lamesa, Texas.							
Lamesa-Mix Laying Mash	18.00	3.50	7.50	48.00			467E
Analysis	19.38	4.12	5.53	51.51	10.87	8.59	190K
<b>Ratliff Feed Store, A. J.,</b> Ranger, Texas.							
Our-Own Brand Cow Feed	22.00	4.00	12.00	41.00			248A
Analysis <sup>617</sup>	21.58	4.10	13.48	43.77	9.00	8.07	30T
Analysis <sup>e</sup>	22.54	5.24	10.58	45.92	9.06	6.66	100T
Our-Own Brand Cow Feed	21.00	3.50	12.30	44.50			248A
Analysis <sup>618</sup>	21.90	4.06	8.80	48.65	8.98	7.61	329T
Our-Own Brand Egg Mash	20.00	3.50	8.00	44.00			248G
Analysis <sup>619</sup>	21.00	5.42	6.39	45.56	9.78	11.85	31T
<b>Reardon Grain &amp; Produce Company,</b> Mason, Texas.							
Reardon's Dairy Feed	20.00	4.00	11.00	47.00			2412A
Analysis <sup>620</sup>	18.62	4.02	10.31	51.18	10.50	5.37	464S
<b>Red Chain Feed Company,</b> Dallas, Texas.							
Ideal Brand Dairy Feed	18.50	4.00	12.00	44.00			582B
Analysis <sup>621</sup>	22.44	3.57	10.40	45.60	10.00	7.99	62T
Analysis <sup>622</sup>	14.97	2.61	18.61	47.63	10.24	5.94	313T
<b>Reed, G. H.,</b> Mart, Texas.							
Reed's Economy Brand Laying Mash	18.00	3.50	6.00	51.00			252A
Analysis <sup>623</sup>	18.42	3.51	4.88	56.66	11.34	5.19	181W
Reed's Hog Feed	14.00	3.50	4.80	60.50			252K
Analysis <sup>624</sup>	14.98	4.05	3.19	61.18	12.33	4.27	128W
<b>Reneau Brothers,</b> Sequin, Texas.							
Reneau's Home-Mix 20% Protein Laying Mash	20.00	3.50	7.50	47.50			67M
Analysis	21.47	5.17	4.82	48.91	10.52	9.11	121H

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>615</sup>Ground whole oats found, not claimed. Deficient in ground limestone.<sup>616</sup>Fish meal claimed, not found. Shrimp meal found, not claimed.<sup>617</sup>Ground limestone found, not claimed.<sup>618</sup>Soybean oil meal found, not claimed.<sup>619</sup>Excess of salt found.<sup>620</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>621</sup>Linseed meal, peanut meal, and alfalfa meal found, not claimed.<sup>622</sup>Cottonseed meal claimed, not found. Soybean oil meal and rice hulls found, not claimed. Deficient in rice bran.<sup>623</sup>Meat and bone meal claimed, not found.<sup>624</sup>Peanut meal found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Rhame Milling Company,</b> Rhame, Texas.							
RMC Brand Dairy Feed .....	17.80	3.20	13.00	45.00	.....	.....	12N
Analysis <sup>1</sup> .....	17.80	3.63	12.44	48.63	10.43	7.07	191T
<b>Rice Growers Distributing Company,</b> El Campo, Texas.							
Sweet Shanghai Brand Rice Hulls, Screenings, Molasses, Rice Bran, Wheat Bran, Corn Chop, Cottonseed Meal, Oyster Shell, and Salt .....	8.70	2.60	18.00	44.50	.....	.....	837D
Analysis <sup>625</sup> .....	7.58	3.12	18.00	44.32	11.18	15.80	441M
<b>Richmond Cotton Oil Company, Inc.,</b> Richmond, Texas.							
41% Protein Soybean Oil Meal .....	41.00	4.50	7.00	29.00	.....	.....	1338G
Analysis .....	45.39	5.10	5.54	28.20	9.90	5.87	445M
Analysis <sup>626</sup> .....	44.49	5.65	5.79	28.56	8.99	6.52	485K
<b>Riesel Gin Company,</b> Riesel, Texas.							
Ginco Economy Brand Laying Mash .....	19.00	3.50	7.80	47.30	.....	.....	1245K
Analysis .....	21.04	4.06	5.32	48.64	10.98	9.96	40W
<b>Rio Grande Valley Citrus Exchange,</b> Weslaco, Texas.							
Texsun Brand Dried Citrus Pulp .....	5.50	2.50	10.50	62.00	.....	.....	1899A
Analysis .....	5.58	3.31	10.45	61.90	11.97	6.79	13H
Analysis .....	5.13	1.93	11.63	59.22	13.41	8.68	166H
Analysis .....	4.96	2.88	8.84	67.77	8.33	7.22	221H
Analysis .....	5.16	2.50	9.85	65.33	9.63	7.53	482M
Texsun Brand 17% Protein Alfalfa Meal .....	17.00	1.50	27.00	40.00	.....	.....	1899G
Analysis .....	19.61	2.38	16.62	35.52	7.49	18.38	218T
<b>Rio Grande Valley Cotton Oil Company,</b> Clint, Texas.							
43% Protein Cottonseed Cake .....	43.00	6.00	12.00	23.00	.....	.....	1078A
Analysis <sup>b,c</sup> .....	41.58	7.44	9.58	28.28	7.19	5.93	150S
Analysis .....	39.03	6.13	11.06	29.58	8.07	6.13	B
43% Protein Cottonseed Meal .....	43.00	6.00	12.00	23.00	.....	.....	1078B
Analysis <sup>b,c</sup> .....	41.61	8.65	9.76	28.03	6.05	5.90	148S
Analysis .....	42.07	8.05	9.30	28.12	6.82	5.64	223S
Analysis <sup>h,627</sup> .....	39.89	7.66	11.11	28.04	7.62	5.68	290S
<b>Robbins Feed &amp; Grocery Company,</b> Dublin, Texas.							
Shamrock Egg Mash .....	20.00	3.60	7.50	50.00	.....	.....	1370A
Analysis <sup>628</sup> .....	18.32	4.43	4.48	55.57	10.58	6.62	14T
Analysis <sup>j,e,629</sup> .....	19.28	3.95	4.83	53.24	10.70	8.00	65W
Analysis <sup>630</sup> .....	17.15	3.38	3.99	60.31	10.63	4.54	113W
Analysis <sup>631</sup> .....	16.54	3.38	3.81	61.61	10.99	3.67	215W
Shamrock Cow Feed .....	15.50	3.30	27.50	38.00	.....	.....	1370O
Analysis .....	15.35	3.70	22.46	42.94	9.64	5.91	167W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>625</sup>Cottonseed meal not found.<sup>626</sup>Short in weight.<sup>627</sup>Used in manufacture of mixed feed.<sup>628</sup>Ground limestone found, not claimed.<sup>629</sup>Cottonseed meal and ground whole oats found, not claimed. Soybean oil meal claimed, not found.<sup>630</sup>Soybean oil meal claimed, not found.<sup>631</sup>Peanut meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Roby Grain Company,</b> Roby, Texas.							
Victory Brand Special Laying Mash.....	18.00	3.50	6.60	52.40			253D
Analysis <sup>632</sup> .....	18.30	4.17	4.98	55.33	10.70	6.52	22S
Analysis.....	17.93	3.88	3.94	59.58	9.98	4.69	496S
Victory Brand Dairy Feed.....	15.80	3.50	13.50	48.40			253E
Analysis.....	16.04	3.08	12.52	51.18	9.18	8.00	274S
Victory Brand All-Mash Laying Ration.....	16.00	3.50	6.50	55.70			253F
Analysis <sup>633</sup> .....	13.49	3.61	4.02	66.42	7.80	4.66	438S
Victory Brand All-Mash Starting and Growing Ration.....	15.70	3.50	6.40	56.00			253G
Analysis.....	15.79	3.83	4.32	60.72	10.41	4.93	388S
Victory Brand Chick Starting Mash.....	17.00	3.50	7.00	54.00			253H
Analysis <sup>634</sup> .....	16.46	3.97	5.21	58.12	10.75	5.49	333S
<b>Roddy Milling Company,</b> Corpus Christi, Texas.							
Blackland Special.....	11.00	3.00	5.50	63.00			2627E
Analysis.....	11.23	3.26	3.68	66.65	12.29	2.89	154H
Roddy's Egg Mash.....	18.00	3.50	6.00	50.50			2627F
Analysis <sup>635</sup> .....	18.10	3.86	5.05	51.72	11.45	9.82	8H
Kremo Dairy Feed.....	16.20	3.60	12.80	47.00			2627I
Analysis <sup>636</sup> .....	14.95	2.14	6.47	53.89	15.17	7.38	9H
Analysis.....	16.91	3.69	7.39	51.63	13.22	7.16	86H
Roddy's Growing Mash with Cod Liver Oil.....	18.00	3.60	7.30	47.00			2627N
Analysis <sup>637</sup> .....	16.83	4.66	5.34	55.80	11.00	6.37	155H
<b>Rodgers, Major H.,</b> Levelland, Texas.							
Laymore Brand Egg Mash.....	18.00	3.60	8.00	46.50			1766K
Analysis <sup>638</sup> .....	18.93	4.81	5.92	52.01	9.94	8.39	100K
<b>Rodney Milling Company,</b> Kansas City, Missouri.							
Jersey Wheat Gray Shorts and Screenings.....	17.00	3.50	6.00	55.00			1926A
Analysis.....	17.00	3.70	4.31	58.83	12.31	3.85	109T
Analysis.....	18.03	3.71	5.28	56.67	11.81	4.50	77W
<b>Rodriguez, Ramiro C.,</b> Hidalgo, Texas.							
Mixed Feed.....	20.00	3.50	11.00	43.80			1716A
Analysis <sup>639</sup> .....	21.99	5.31	10.23	44.52	7.84	10.11	367H
<b>Roesling &amp; Company, R. J.,</b> San Francisco, California.							
Eggo Brand 68% Protein Sardine Meal.....	68.00	4.00	1.00	1.00			2236A
Analysis.....	65.73	3.40	.43	4.51	7.16	18.77	295M
<b>Rogers Grain Company, Inc.,</b> Houston, Texas.							
Rogers' Ranger Egg Mash.....	19.00	3.50	6.50	47.00			850B
Analysis <sup>640</sup> .....	17.27	4.63	5.65	54.30	10.71	7.44	97M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>632</sup>Excess of salt found.<sup>633</sup>Soybean oil meal found, not claimed.<sup>634</sup>Cottonseed meal found, not claimed.<sup>635</sup>Cottonseed meal found, not claimed. Linseed meal claimed, not found.<sup>636</sup>Rice bran claimed, not found.<sup>637</sup>Linseed meal, milo meal, and kafir meal found, not claimed. Deficient in oyster shell.<sup>638</sup>Excess of salt found.<sup>639</sup>Linseed meal found, not claimed.<sup>640</sup>Dried buttermilk claimed, not found. Rice bran, milo chop, wheat, and millet seed found, not claimed. Deficient in oyster shell.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Rose City Cotton Oil Mill, Little Rock, Arkansas.</b>							
45% Protein Soybean Oil Meal.....	45.00	6.00	6.00	28.00	.....	.....	2007A
Analysis <sup>a</sup> .....	46.50	6.08	5.96	27.52	7.99	5.95	160J
<b>Rose City Feed Mill, Tyler, Texas.</b>							
Rose City 24% Protein Dairy Feed.....	24.00	4.50	11.50	39.50	.....	.....	1908A
Analysis <sup>641</sup> .....	24.88	6.41	9.73	40.26	9.59	9.13	181J
<b>Ross-Hicks Grain Company, Fort Worth, Texas.</b>							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1316A
Analysis.....	9.00	2.79	9.92	64.00	12.19	2.10	49M
Analysis.....	8.12	3.00	11.52	64.85	10.54	1.97	129T
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1316B
Analysis.....	12.06	3.49	9.93	60.55	9.42	4.55	133T
Alfalfa Meal and Molasses.....	11.00	1.20	28.00	39.50	.....	.....	1316E
Analysis.....	10.31	.93	23.91	46.26	10.39	8.20	63T
Milo Chop.....	10.00	2.50	3.00	70.00	.....	.....	1316Q
Analysis <sup>642</sup> .....	10.54	2.52	4.33	68.09	11.34	3.18	132T
Ground Peanut Hay and Cane Molasses	8.70	2.80	21.00	47.70	.....	.....	1316U
Analysis.....	9.20	2.22	17.02	39.12	9.93	22.51	107T
<b>Ruhmann Grain &amp; Seed Company, Waco, Texas.</b>							
Texas Queen Brand 20% Protein							
Laying Mash.....	20.00	4.00	7.00	46.00	.....	.....	1640P
Analysis.....	21.62	5.09	4.65	49.07	9.55	10.02	59W
Texas Queen Brand 17% Protein							
Starting Mash.....	17.00	4.00	6.00	45.00	.....	.....	1640S
Analysis.....	17.89	4.72	4.87	54.10	9.71	8.71	129W
Radio Brand Sweet Feed.....	9.00	2.00	12.00	53.00	.....	.....	1640B4
Analysis <sup>a</sup> .....	9.54	1.89	14.76	51.82	10.73	11.26	75W
Radio Brand Sweet Feed.....	10.00	2.50	13.30	50.00	.....	.....	1640B4
Analysis <sup>643</sup> .....	8.81	1.54	14.52	53.63	11.51	9.99	435J
<b>Rule Cotton Oil Mill, Rule, Texas.</b>							
Chuck Wagon Brand 43% Protein							
Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	702A
Analysis <sup>644</sup> .....	38.87	5.64	13.24	30.24	6.67	5.34	355K
Chuck Wagon Brand 43% Protein							
Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	702B
Analysis <sup>644</sup> .....	39.34	6.00	12.88	29.41	6.67	5.70	329S
Chuck Wagon Brand 43% Protein							
Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	702D
Analysis <sup>644</sup> .....	39.73	6.30	12.78	29.12	6.73	5.34	410K
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....	702K
Analysis.....	45.50	6.01	5.83	28.59	7.27	6.80	515K
Analysis.....	44.46	5.77	5.48	31.05	7.06	6.18	382S
<b>Russell Chevrolet Company, John L., El Campo, Texas.</b>							
Chevy Scratch Feed.....	10.00	2.50	4.00	69.00	.....	.....	1889A
Analysis.....	11.84	2.65	2.53	69.01	12.21	1.76	169M

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>641</sup>Excess of oyster shell found.<sup>642</sup>Rice hulls present.<sup>643</sup>Excess of salt found.<sup>644</sup>Excess cottonseed hulls found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Saint &amp; Company, Inc.,</b> Houston, Texas.							
Royal King Brand Dairy Feed.....	16.00	4.20	12.00	42.00	.....	.....	2275C
Analysis.....	15.65	5.74	12.58	44.37	12.40	9.26	249M
Rice Hulls, Rice Bran, Molasses, Alfalfa Stem Meal, Corn Chop, and Salt.....	6.30	2.60	21.50	43.00	.....	.....	2275I
Analysis.....	5.91	2.05	19.83	44.50	12.84	14.87	194M
Finely Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	2275P
Analysis <sup>645</sup> .....	11.82	3.08	7.95	61.72	12.10	3.33	248M
Morning Glory Dairy Feed.....	19.00	3.50	10.00	49.00	.....	.....	2275A7
Analysis <sup>646</sup> .....	18.46	4.14	10.57	48.41	11.88	6.54	17M
Square Deal Brand Cow Feed.....	18.00	3.80	22.50	37.00	.....	.....	2275A9
Analysis <sup>647</sup> .....	20.90	3.57	13.21	41.69	11.67	8.96	18M
Buckhorn Brand Laying Mash.....	18.00	3.50	8.00	47.20	.....	.....	2275B8
Analysis <sup>648</sup> .....	18.16	5.41	6.18	52.09	10.32	7.84	95M
Life-Saver Brand Horse and Mule Feed.....	10.00	3.00	11.00	56.50	.....	.....	2275C5
Analysis <sup>649</sup> .....	10.91	2.93	5.88	65.27	11.55	3.46	428M
Life-Saver Brand Starter Mash.....	18.00	3.50	5.70	50.50	.....	.....	2275C6
Analysis <sup>650</sup> .....	20.50	5.25	6.39	52.18	9.67	6.01	381M
Life-Saver Brand Growing Mash.....	16.00	3.50	7.00	50.00	.....	.....	2275C7
Analysis.....	20.30	5.30	5.95	52.53	9.45	6.47	380M
Life-Saver Brand 16% Protein Dairy Feed.....	16.00	3.70	12.00	46.00	.....	.....	2275C8
Analysis <sup>651</sup> .....	15.21	5.50	6.54	52.83	12.33	7.59	465M
Life-Saver Brand 20% Protein Dairy Feed.....	20.00	4.00	13.50	38.50	.....	.....	2275C9
Analysis <sup>652</sup> .....	17.43	4.64	9.70	46.88	13.79	7.56	315M
Life-Saver Brand 18% Protein Dairy Feed.....	18.00	4.00	13.00	45.00	.....	.....	2275E3
Analysis.....	20.35	4.76	7.77	48.87	11.01	7.24	427M
<b>San Antonio Oil Works,</b> San Antonio, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	930E
Analysis <sup>a</sup> .....	41.24	6.14	10.47	27.74	8.76	5.65	1H
Analysis <sup>b</sup> .....	40.92	5.95	11.74	28.31	7.80	5.28	27H
Analysis <sup>c</sup> .....	43.45	5.45	10.43	27.55	7.48	5.64	78H
Analysis <sup>d</sup> .....	42.17	5.45	11.16	27.87	8.01	5.34	144H
<b>San Marcos Oil Mill,</b> San Marcos, Texas.							
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....	528B
Analysis.....	45.20	6.44	5.93	27.10	8.73	6.60	344H
41% Protein Cracked Soybean Oil Cake.....	41.00	5.00	6.00	28.00	.....	.....	528C
Analysis.....	45.96	5.31	5.55	28.57	8.29	6.32	275H
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....	528E
Analysis.....	41.67	5.97	9.85	27.71	8.08	6.72	463H
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	528I
Analysis.....	43.35	6.98	8.69	26.12	8.30	6.56	68H
Analysis <sup>e</sup> .....	42.45	6.14	10.43	26.33	9.07	5.58	178H
Analysis.....	41.72	5.83	10.55	28.49	6.79	6.62	394H

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>645</sup>Milo meal and kafir meal present.<sup>646</sup>Peanut meal and rice bran found, not claimed. Deficient in limestone.<sup>647</sup>Peanut meal found, not claimed.<sup>648</sup>Corn gluten feed found, not claimed.<sup>649</sup>Linseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>650</sup>Deficient in oyster shell.<sup>651</sup>Cottonseed meal, brewers' dried grains, and alfalfa stem meal claimed, not found.<sup>652</sup>Deficient in cottonseed meal.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Santos Products Company,</b> Eagle Pass, Texas.							
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	450A
Analysis.....	17.20	4.64	10.63	53.57	8.59	5.37	161T
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....	450C
Analysis <sup>653</sup> .....	16.81	4.41	7.69	54.66	11.49	4.94	45H
Analysis <sup>654</sup> .....	17.61	4.03	8.06	54.17	11.15	4.98	107H
Analysis <sup>654</sup> .....	17.60	4.60	8.16	53.91	10.83	4.90	115H
<b>Saunders Mills, Inc.,</b> Toledo, Ohio.							
Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....	1933A
Analysis <sup>d 1 h 655</sup> .....	19.70	1.77	22.19	34.33	8.91	13.10	225T
<b>Sayers &amp; Son,</b> Houston, Texas.							
Hearty Brand 19% Protein Dairy Feed.....	19.00	3.50	12.00	46.00	.....	.....	1494A
Analysis <sup>656</sup> .....	19.10	3.97	13.27	42.05	11.60	10.01	318M
Hearty Brand Laying Mash.....	18.00	3.50	7.00	49.00	.....	.....	1494C
Analysis <sup>657</sup> .....	18.80	3.45	4.33	53.64	11.51	8.27	22M
Hearty Brand Hen Scratch.....	10.00	3.00	3.00	70.00	.....	.....	1494E
Analysis <sup>658</sup> .....	11.56	2.81	2.26	68.97	12.88	1.52	21M
Hearty Brand Special Cow Feed.....	19.00	3.80	18.00	39.00	.....	.....	1494J
Analysis.....	18.16	4.79	12.92	43.68	10.16	10.29	149M
<b>Schier Bros.,</b> Sealy, Texas.							
Safe-Way Brand 18% Protein Dairy Feed.....	18.00	3.80	11.00	46.00	.....	.....	911M
Analysis <sup>659</sup> .....	18.42	4.71	8.52	50.62	11.26	6.47	400M
Milo Meal.....	10.00	2.50	3.00	70.00	.....	.....	911S
Analysis <sup>660</sup> .....	11.00	3.51	1.83	68.71	13.31	1.64	115M
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	911T
Analysis <sup>661</sup> .....	13.50	1.82	30.68	35.09	10.90	8.01	114M
Safe-Way Brand Hog Ration.....	14.00	3.00	5.60	57.00	.....	.....	911U
Analysis <sup>662</sup> .....	14.50	3.42	3.30	62.01	12.50	4.27	116M
Safe-Way Brand Dual-Purpose Calf Feed.....	13.80	3.70	10.00	52.50	.....	.....	911V
Analysis.....	13.43	3.59	9.30	53.78	12.63	7.27	213M
Safe-Way Brand Cow Feed.....	15.00	3.80	11.80	50.00	.....	.....	911W
Analysis.....	14.50	4.02	9.35	53.16	11.77	7.20	211M
Safe-Way Brand All-Purpose Cattle Feed.....	11.30	2.50	11.00	55.30	.....	.....	911X
Analysis <sup>663</sup> .....	13.48	2.96	7.93	58.72	10.79	6.12	401M
Safe-Way Brand Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	911Y
Analysis.....	11.80	3.15	10.97	58.66	11.79	3.63	212M
<b>Schulenburg Oil Mill, The,</b> Schulenburg, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	404B
Analysis <sup>c</sup> .....	41.66	6.04	9.21	28.50	8.92	5.67	9A
Analysis.....	42.51	6.50	9.62	27.22	8.35	5.80	38M
Analysis.....	44.05	6.72	8.98	26.23	8.20	5.82	307M
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	404C
Analysis.....	43.08	6.10	7.87	28.78	8.31	5.86	39M
Mixed Feed.....	16.00	3.00	7.00	57.00	.....	.....	404E
Analysis <sup>660</sup> .....	17.53	2.98	6.81	57.63	9.59	5.46	518M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>653</sup>Wheat brown shorts and screenings.<sup>654</sup>Wheat mixed feed and screenings.<sup>655</sup>Used by purchaser in mixed feed.<sup>656</sup>Peanut meal claimed, not found. Rice hulls found, not claimed.<sup>657</sup>Excess of oyster shell found.<sup>658</sup>Barley and sunflower seed found, not claimed.<sup>659</sup>Cottonseed meal claimed, not found.<sup>660</sup>Deficient in oyster shell.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Schumacher Oil Works, The H.,</b> Navasota, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	803C
Analysis <sup>a</sup> .....	42.30	6.95	9.10	27.01	8.29	6.35	230M
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	25.00	.....	.....	803D
Analysis <sup>a</sup> .....	39.94	5.33	12.88	27.75	7.98	6.12	205M
<b>Schuster Commission Company,</b> El Paso, Texas.							
50% Protein Meat and Bone Scraps.....	50.00	6.00	2.00	0.00	.....	.....	1368D
Analysis <sup>a</sup> .....	53.30	11.06	1.94	.52	4.27	28.91	147S
Analysis <sup>a</sup> .....	54.20	12.45	2.01	.81	3.32	27.21	277S
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	1368F
Analysis <sup>a601</sup> .....	16.86	4.60	9.04	54.50	10.20	4.80	344S
Analysis.....	15.70	3.53	6.22	63.09	7.92	3.54	547S
<b>Schwartzman Packing Company,</b> Albuquerque, New Mexico.							
45% Protein Meat and Bone Scraps.....	45.00	6.00	2.00	0.00	.....	.....	2432B
Analysis <sup>a60</sup> .....	42.96	8.48	3.89	15.46	5.87	23.34	198K
<b>Scott Bros. Grain Company, Inc.,</b> Fort Worth, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	69A
Analysis <sup>602</sup> .....	12.92	4.65	11.93	56.66	9.79	4.05	410S
Analysis.....	11.61	3.89	12.41	58.75	9.44	3.90	167T
Analysis.....	12.61	4.49	11.89	56.00	11.17	3.84	173T
Cackelo Broiler Mash.....	17.00	3.60	6.30	50.00	.....	.....	69I
Analysis <sup>j</sup> .....	17.42	4.44	5.30	55.14	9.38	8.32	521S
Cackelo Egg Mash.....	18.00	3.60	6.00	48.00	.....	.....	69O
Analysis <sup>603</sup> .....	18.10	4.08	4.95	55.77	9.68	7.42	522S
Milkelo Dairy Feed.....	22.00	3.50	12.00	50.00	.....	.....	69P
Analysis <sup>a</sup> .....	25.57	4.46	7.95	44.65	9.99	7.38	71W
Cackelo Starter.....	17.00	3.60	6.00	53.00	.....	.....	69Q
Analysis.....	17.60	6.04	5.42	53.43	10.22	7.29	307S
Cackelo Growing Mash.....	16.00	3.50	6.00	54.00	.....	.....	69R
Analysis.....	15.87	4.55	4.73	55.95	12.34	6.56	361S
Workelo Horse and Mule Feed.....	9.50	3.00	11.50	55.00	.....	.....	69T
Analysis <sup>604</sup> .....	11.04	3.04	9.79	58.52	11.61	6.00	286M
Pig Suey.....	20.00	3.50	7.00	47.00	.....	.....	69A2
Analysis <sup>j</sup> .....	18.67	4.75	8.15	48.79	11.24	8.40	162T
Bulkelo Special Feed.....	9.00	1.50	22.20	40.40	.....	.....	69B9
Analysis <sup>605</sup> .....	11.06	1.61	25.25	36.46	9.38	16.24	285M
Dairyelo Dairy Feed.....	18.00	3.00	13.00	44.20	.....	.....	69D6
Analysis <sup>a</sup> .....	19.27	3.48	9.28	50.63	8.69	8.65	340T
<b>Seagram &amp; Son, Inc., Joseph E.,</b> Leavenworth, Kansas.							
Distillers' Dried Solubles.....	34.43	3.83	3.46	41.57	10.82	5.89	299T
Analysis <sup>a4</sup> .....							
<b>Sealy Oil Mill &amp; Manufacturing Co.,</b> Sealy, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1449C
Analysis.....	41.37	6.28	9.97	28.23	7.65	6.50	31M
<b>Second Avenue Feed Store,</b> Dallas, Texas.							
Dairy Feed.....	16.00	3.20	13.00	48.00	.....	.....	1223A
Analysis <sup>606</sup> .....	16.98	3.01	12.81	49.27	12.09	5.84	320T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>601</sup>Wheat bran.<sup>602</sup>Linseed meal, vetch meal, and ground grain sorghums present.<sup>603</sup>Deficient in ground limestone.<sup>604</sup>Cottonseed meal found, not claimed.<sup>605</sup>Rice bran found, not claimed.<sup>606</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Seguin Cotton Oil Company, The, Seguin, Texas.</b>							
45% Protein Peanut Meal	45.00	6.00	10.00	23.00			673H
Analysis	46.10	7.40	14.43	19.98	7.94	4.15	202H
Analysis <sup>a</sup>	43.91	8.02	18.51	17.70	7.00	4.86	490H
Analysis	45.98	7.66	14.66	20.47	7.06	4.17	K
<b>Seguin Milling Company, Seguin, Texas.</b>							
Five X Laying Mash	19.00	3.50	8.00	45.50			103D
Analysis <sup>667</sup>	19.28	3.95	6.67	52.83	10.10	7.17	245H
White House 24% Protein Dairy Feed	24.00	3.70	11.50	41.00			103T
Analysis	22.90	4.05	11.30	43.94	9.81	8.00	172H
Wheat Gray Shorts and Screenings	17.50	3.50	6.00	55.00			103V
Analysis <sup>668</sup>	16.06	3.16	5.59	58.96	11.88	4.35	132H
Analysis	19.14	5.58	6.12	54.40	10.14	4.62	190H
Analysis <sup>a</sup>	14.85	2.77	4.80	62.25	12.44	2.89	225M
White House All-Mash Chick Starter	17.50	4.00	6.00	47.50			103X
Analysis	19.98	3.77	4.34	53.67	9.94	8.30	273H
White House Growing Mash	17.00	3.50	6.70	51.50			103Y
Analysis <sup>669</sup>	16.84	3.12	4.80	60.08	10.69	4.47	361H
Analysis <sup>a</sup>	17.98	3.76	4.35	57.81	9.65	6.45	432H
Analysis	18.02	3.66	5.02	57.55	10.24	5.51	440M
Economy Brand Dairy Feed	18.00	3.20	13.00	45.50			103A3
Analysis <sup>670a</sup>	19.31	3.52	7.83	52.91	9.74	6.69	415H
Economy Brand Dairy Feed	18.00	3.20	11.00	49.00			103A3
Analysis <sup>i</sup>	18.53	3.74	9.37	50.65	10.72	6.99	215H
Analysis <sup>671</sup>	18.12	4.20	7.62	55.13	7.95	6.98	464H
White House Laying Mash Pellets	20.00	3.70	6.50	47.00			103B1
Analysis <sup>671</sup>	18.50	3.73	5.27	56.46	9.86	6.18	434H
Alfalfa-Molasses Feed	11.50	1.00	25.50	40.00			103B4
Analysis <sup>672</sup>	11.38	1.51	28.37	33.69	8.74	16.31	181M
Economy Brand Five Laying Mash	19.00	4.00	8.00	47.00			103B6
Analysis <sup>667a</sup>	17.76	3.54	5.93	54.81	10.98	6.98	157H
Analysis <sup>a</sup>	19.33	4.36	7.05	51.98	10.78	6.50	216H
Analysis	17.55	4.11	5.57	57.62	9.10	6.05	408H
Analysis <sup>674</sup>	18.21	3.79	5.20	57.04	10.86	4.90	414H
White House 30% Protein Supplement for Pigs and Hogs	30.00	3.50	7.00	34.00			103C7
Analysis	24.86	5.02	6.47	40.96	9.88	12.81	134H
White House Laying Mash	20.00	3.70	6.50	47.00			103D3
Analysis	20.80	4.45	5.05	51.29	9.78	8.63	274H
Analysis	14.68	3.70	5.18	59.65	10.78	6.01	472H

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>667</sup>Deficient in oyster shell. Excess of salt found.<sup>668</sup>Corn meal present.<sup>669</sup>Deficient in oyster shell.<sup>670</sup>Soybean oil meal found, not claimed.<sup>671</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>673</sup>Tags of wrong denomination attached.<sup>674</sup>Deficient in oyster shell and salt.<sup>672</sup>Ground peanut hay present.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Sequin Milling Company (Continued), Sequin, Texas.</b>							
Big S 9% Protein Sweet Feed .....	9.00	1.50	15.00	48.50			103E9
Analysis <sup>675</sup> .....	10.10	2.03	17.50	47.02	10.02	13.33	69H
Analysis <sup>676</sup> .....	11.68	2.40	14.21	51.35	7.33	13.03	180M
Analysis <sup>677</sup> .....	16.85	3.94	10.82	51.86	8.91	7.62	282M
International Brand Dairy Feed .....	20.00	3.50	11.00	43.80			103G1
Analysis <sup>678</sup> .....	21.65	4.95	13.41	42.24	7.96	9.79	471H
<b>Seley &amp; Company, James H., Los Angeles, California.</b>							
65% Protein Sardine Meal .....	65.00	5.00	1.00	0.00			300A
Analysis <sup>18079</sup> .....	67.01	6.51	.18	4.09	8.30	13.91	343M
<b>Service Feed Store, Beaumont, Texas.</b>							
U-Lika Brand Dairy Feed .....	19.00	4.00	15.00	40.00			154A
Analysis .....	20.79	4.65	9.67	46.79	10.77	7.33	59M
<b>Serv-Us Feed Mills, Fort Worth, Texas.</b>							
Serve-Us Egg Mash .....	19.50	3.70	6.50	48.50			2404F
Analysis .....	20.74	4.07	5.31	51.88	9.98	8.02	131T
Serv-Us Starter .....	16.00	3.70	5.00	56.00			2404M
Analysis <sup>1</sup> .....	18.36	4.83	4.38	57.24	8.85	6.34	298T
F. V. Brand Stock Feed No. 7 .....	16.00	2.70	11.50	49.50			2404B6
Analysis .....	18.09	3.30	10.72	52.52	8.96	6.41	364T
<b>Sexton Company, J. T., Kansas City, Missouri.</b>							
Ribo-Mix .....	31.00	2.50	2.50	50.00			2109A
Analysis <sup>60</sup> .....	31.10	2.63	3.74	47.77	9.89	4.87	489K
<b>Sharp Grain Company, La Porte, Texas.</b>							
Sharp's Special Cow Feed .....	17.00	3.80	14.00	44.00			2294A
Analysis .....	19.23	5.39	15.64	42.93	9.80	7.01	129M
Sharp's Special Scratch Grains .....	10.20	2.70	3.00	70.00			2294C
Analysis .....	10.66	2.75	2.08	70.22	12.87	1.42	202M
Sharp's Big 11 Laying Mash .....	19.00	3.80	6.50	46.00			2294H
Analysis .....	20.49	3.88	5.73	50.44	10.61	8.85	130M
Analysis .....	18.37	4.21	6.69	51.41	11.40	7.92	339M
Sharp's Special Broiler Mash .....	17.50	3.60	6.00	50.00			2294I
Analysis .....	18.98	4.17	5.52	52.57	10.30	8.46	70M
Analysis .....	16.71	4.19	7.13	52.95	11.66	7.36	241M
Feeding Yellow Corn Meal .....	9.00	3.50	3.00	70.00			2294P
Analysis .....	9.31	4.85	1.75	68.71	13.68	1.70	340M
<b>Shawnee Milling Company, Shawnee, Oklahoma.</b>							
Climax Growing Mash .....	16.50	4.00	6.00	54.00			670J
Analysis <sup>680</sup> .....	16.04	3.79	5.03	58.33	10.65	6.16	429J
Analysis <sup>680</sup> .....	15.87	3.60	5.23	58.79	10.50	6.01	500K
Climax Chick Starter .....	17.50	4.00	6.00	51.00			670K
Analysis <sup>681</sup> .....	17.03	3.82	4.89	55.41	10.38	8.47	430J
Analysis .....	18.46	4.63	4.94	54.24	10.82	6.91	274K
Climax Dairy Feed .....	24.00	4.00	11.00	42.00			670R
Analysis <sup>681</sup> .....	22.05	5.03	10.19	45.25	9.65	7.83	398J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>675</sup>Ground limestone found, not claimed. Excess of salt found.<sup>676</sup>Rice bran found, not claimed.<sup>677</sup>Rice hulls claimed, not found. Ground limestone found, not claimed.<sup>678</sup>Peanut hulls found, not claimed.<sup>679</sup>Used in manufacture of mixed feed.<sup>680</sup>Deficient in ground limestone.<sup>681</sup>Peanut meal and rice bran found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Shawnee Milling Company (Cont.), Shawnee, Oklahoma.</b>							
Red Ball Dairy Feed.....	15.00	3.00	14.50	49.00	.....	.....	670S
Analysis <sup>682</sup> .....	13.80	3.08	10.34	54.67	11.63	6.48	332H
Climax Egg Mash.....	19.00	4.00	7.00	51.00	.....	.....	670A1
Analysis.....	20.36	4.05	6.03	51.38	9.60	8.58	66K
Climax Hog Feed.....	18.50	4.52	6.58	52.25	10.59	7.56	117T
Analysis <sup>683</sup> .....	19.50	3.50	7.00	50.00	.....	.....	670A2
.....	20.37	3.62	6.27	50.96	9.97	8.81	399J
More-Milk Brand Dairy Feed.....	20.00	4.00	12.00	46.00	.....	.....	670A4
Analysis <sup>j</sup> .....	20.50	4.96	11.81	45.19	9.89	7.65	25K
Analysis <sup>684</sup> .....	21.62	4.47	9.32	46.86	10.79	6.94	455K
Analysis <sup>685</sup> .....	19.06	4.55	9.65	50.72	9.60	6.42	243T
Analysis.....	20.50	4.83	9.01	48.70	9.60	7.36	107W
Shawnee Laying Mash.....	18.00	4.00	8.00	47.00	.....	.....	670B2
Analysis.....	17.20	4.18	5.42	54.86	10.98	7.56	331H
Analysis.....	18.03	4.08	5.86	58.47	8.13	5.43	480H
Analysis.....	19.86	4.52	6.65	50.34	10.54	8.09	271J
Analysis <sup>682</sup> .....	16.20	3.89	5.21	57.60	10.76	6.34	408M
Analysis.....	17.87	4.38	7.34	52.12	11.10	7.19	8W
Analysis <sup>680</sup> .....	18.10	4.69	6.68	50.90	9.65	9.98	152W
Climax All-Mash Starting and Growing Ration.....	17.00	4.00	6.00	55.00	.....	.....	670B8
Analysis <sup>687</sup> .....	17.06	3.79	5.66	56.99	10.38	6.12	151W
Climax All-Mash Starting and Growing Ration Pellets.....	17.00	4.00	6.00	55.00	.....	.....	670D5
Analysis <sup>688</sup> .....	17.12	4.29	6.20	53.65	11.57	7.17	265K
<b>Shiner Oil Mill &amp; Manufacturing Co., Shiner, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	267F
Analysis <sup>68a</sup> .....	49.85	6.58	8.01	22.12	7.49	5.95	58H
<b>Siebel, L. W., Carmine, Texas.</b>							
Siebel's Special Lay Mash.....	20.50	3.50	7.40	44.60	.....	.....	2005F
Analysis.....	21.87	4.96	6.69	44.86	10.10	11.52	34M
<b>Silverton Co-Op., Silverton, Texas.</b>							
Plains Brand Growing Mash.....	17.00	3.50	6.00	57.00	.....	.....	2510N
Analysis.....	18.80	3.21	4.46	59.25	9.16	5.12	580K
<b>Simpson Electric Hatchery, Coleman, Texas.</b>							
Paycheck Brand Laying Mash.....	19.00	3.50	8.00	45.00	.....	.....	704A
Analysis <sup>689</sup> .....	19.08	3.13	6.22	54.94	9.06	7.57	533S
Paycheck Brand Growing Mash.....	17.00	3.50	7.00	47.50	.....	.....	704G
Analysis.....	18.65	4.44	6.38	52.54	9.80	8.19	376S
Paycheck Brand Laying Mash Pellets.....	19.00	3.50	8.00	45.00	.....	.....	704H
Analysis.....	21.53	3.90	7.90	48.64	9.50	8.53	123S
<b>Simpson's Mill &amp; Feed Store, Clarendon, Texas.</b>							
Kafir Head Chop.....	8.50	2.50	8.00	65.00	.....	.....	1676S
Analysis <sup>6</sup> .....	8.26	2.84	6.54	70.30	7.83	4.23	414K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>682</sup>Milo meal and kafir meal found, not claimed.<sup>680</sup>Ground limestone found, not claimed.<sup>684</sup>Rice bran found, not claimed.<sup>685</sup>Excess of salt found.<sup>680</sup>Tags of wrong denomination attached. Deficient in salt.<sup>687</sup>Tags of wrong denomination attached. Deficient in limestone.<sup>688</sup>In ground condition.<sup>680</sup>Corn gluten feed found, not claimed. Fish meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Slaughter Feed Company,</b> Dallas, Texas.							
Four Seasons Egg Mash.....	18.50	3.60	7.00	50.00	.....	.....	1482B
Analysis.....	18.50	3.83	6.18	54.04	10.22	7.23	223T
Slaughter's Special Cow Feed.....	17.00	3.20	10.00	48.00	.....	.....	1482E
Analysis <sup>600k</sup> .....	20.88	3.85	10.69	46.28	9.80	8.50	314T
<b>Sleeper, J. L.,</b> Waco, Texas.							
Diamond X Egg Mash.....	18.00	3.50	6.00	49.00	.....	.....	2389V
Analysis.....	20.37	5.47	5.99	48.06	9.49	10.62	2W
<b>Smith's Hatchery &amp; Feed Store,</b> El Paso, Texas.							
Red Star Starter Mash.....	17.50	3.50	6.00	51.00	.....	.....	620C
Analysis <sup>601</sup> .....	21.74	5.97	5.61	50.44	7.93	8.31	405S
Red Star Growing Mash.....	18.50	3.60	5.00	49.00	.....	.....	620D
Analysis.....	19.94	4.89	5.83	51.91	9.83	7.60	351S
Red Star Egg Mash.....	18.00	3.50	7.00	47.00	.....	.....	620M
Analysis <sup>602k</sup> .....	20.96	5.32	6.31	51.60	8.02	7.79	456S
Blue Star Dairy Feed.....	17.00	3.60	8.50	52.00	.....	.....	620V
Analysis.....	17.32	3.35	6.59	55.04	10.69	7.01	43S
Analysis.....	19.17	3.70	5.84	56.29	6.36	8.64	511S
Red Star Broiler Mash.....	17.00	3.50	5.00	52.00	.....	.....	620A2
Analysis.....	18.04	5.58	5.35	53.70	9.50	7.83	350S
32% Protein Linseed Meal.....	32.00	6.00	9.00	35.00	.....	.....	620A7
Analysis.....	31.90	10.65	8.43	36.30	6.71	6.01	146S
Smith's 4 Star Egg Mash.....	19.50	3.50	7.00	50.00	.....	.....	620B4
Analysis <sup>600k</sup> .....	20.68	3.78	5.00	52.85	10.28	7.41	94S
Smith's 4 Star Egg Mash Pellets.....	19.50	3.50	7.00	50.00	.....	.....	620C1
Analysis <sup>602k</sup> .....	20.20	4.59	4.82	51.61	9.22	9.56	352S
Red Star Range Feed Cubes.....	20.00	4.00	7.50	49.00	.....	.....	620C2
Analysis <sup>603</sup> .....	23.32	3.96	4.65	54.03	6.72	7.32	406S
Blue Star Egg Mash Pellets.....	20.00	3.80	6.50	46.00	.....	.....	620C4
Analysis <sup>604</sup> .....	22.32	4.53	5.48	51.04	8.13	8.50	44S
18% Protein Dairy Feed.....	18.00	3.20	8.00	54.00	.....	.....	620C6
Analysis.....	17.85	3.79	6.72	55.37	8.04	8.23	553S
Red Star Egg Mash Pellets.....	18.00	3.50	7.00	47.00	.....	.....	620C8
Analysis <sup>600k</sup> .....	20.04	4.76	4.81	50.15	9.81	10.43	293S
All-in-One Brand Hog Feed.....	17.00	3.00	8.00	53.50	.....	.....	620D1
Analysis.....	15.90	3.09	4.32	62.93	8.83	4.93	552S
<b>Smithton Creamery Company,</b> Smithton, Missouri.							
Bremer's Dried Skimmed Milk.....	32.00	0.50	0.00	50.00	.....	.....	2540A
Analysis <sup>605</sup> .....	34.75	.74	.20	49.66	6.96	7.69	131K
<b>Smyth Grain Company, Ray,</b> Aledo, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1679A
Analysis <sup>606</sup> .....	12.32	3.41	12.37	58.92	8.35	4.63	344T
Ear Corn Chop with Husk and Molasses.....	7.00	2.40	8.00	65.00	.....	.....	1679H
Analysis <sup>600</sup> .....	11.54	12.23	10.28	54.84	8.64	2.47	217T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>600</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>601</sup>Dried kelp claimed, not found.<sup>602</sup>Sardine meal and dried kelp claimed, not found.<sup>603</sup>Fish meal claimed, not found.<sup>604</sup>Linseed meal claimed, not found.<sup>605</sup>Excess of oyster shell.<sup>606</sup>Peanut skins present.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Snelson's Grocery &amp; Market, Ysleta, Texas.</b>							
Snelson's Laying Mash	18.50	3.50	6.50	46.00			2528A
Analysis	19.18	4.72	5.95	51.97	9.40	8.78	281S
Snelson's Dairy Feed	19.00	4.00	11.00	45.00			2528C
Analysis	19.80	4.62	6.61	53.82	7.59	7.56	31S
Analysis	18.78	4.69	8.02	53.91	7.63	6.97	503S
<b>Southland Cotton Oil Company, Corsicana, Texas.</b>							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			548H
Analysis <sup>bc</sup>	41.64	5.99	11.83	26.83	7.87	5.84	23W
Analysis	42.98	6.44	11.14	26.65	6.99	5.80	32W
Analysis	42.89	5.86	11.07	31.98	2.41	5.79	34W
Analysis <sup>c</sup>	41.77	5.95	11.73	26.44	8.58	5.53	90W
43% Protein Screened Cracked Cottonseed Cake	43.00	5.20	12.00	25.00			548I
Analysis	42.92	5.63	11.18	25.75	8.72	5.80	91W
Southland Mixed Feed	11.80	1.70	38.00	36.00			548J
Analysis	7.76	1.89	36.40	40.36	10.60	2.99	17T
41% Protein Soybean Oil Meal	41.00	4.70	6.00	28.00			548N
Analysis <sup>a</sup>	44.09	5.53	5.75	30.10	7.97	6.56	328K
<b>Southland Cotton Oil Company, Oklahoma City, Oklahoma.</b>							
41% Protein Soybean Oil Cake	41.00	4.50	7.00	29.00			1885C
Analysis <sup>adef</sup>	45.24	5.65	5.68	30.38	6.59	6.46	460K
Analysis <sup>a</sup>	45.88	5.67	5.64	29.82	6.47	6.52	465K
<b>Southland Cotton Oil Company, Paris, Texas.</b>							
Southland's 41% Protein Soybean Oil Meal	41.00	4.70	7.00	29.00			290F
Analysis <sup>h,k</sup>	43.70	5.43	5.80	31.95	7.14	5.98	275J
Analysis	45.98	5.19	6.42	28.12	8.03	6.26	460J
Analysis	46.61	5.44	5.60	28.94	7.29	6.12	404K
Southland's 43% Protein Cottonseed Meal	43.00	5.00	12.00	23.00			290H
Analysis	42.91	6.31	10.04	27.84	6.78	6.12	46J
Analysis <sup>bc</sup>	41.30	6.07	10.69	27.36	8.39	6.19	251J
Southland's 43% Protein Screened Cracked Cottonseed Cake	43.00	5.00	12.00	23.00			290I
Analysis	43.94	5.35	9.36	27.13	7.84	6.38	117J
Southland's Mixed Feed	11.80	1.70	38.00	36.00			290L
Analysis	10.15	1.40	36.44	40.48	8.62	2.91	176J
<b>Southland Cotton Oil Company, Shreveport, Louisiana.</b>							
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			421C
Analysis	41.70	6.58	9.85	27.14	7.98	6.75	34J
41% Protein Soybean Oil Meal	41.00	4.70	6.00	28.00			421I
Analysis	46.60	5.36	5.85	28.93	7.56	5.70	346J
<b>Southland Cotton Oil Company, Temple, Texas.</b>							
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00			679C
Analysis	44.47	6.06	9.81	26.09	7.84	5.73	135H
Analysis <sup>c</sup>	41.75	5.85	12.81	26.88	7.19	5.52	168S
Analysis	42.90	5.95	10.87	26.44	8.14	5.70	200S
Analysis <sup>c</sup>	42.43	5.62	10.69	27.78	7.28	6.20	22T
Analysis	44.15	6.38	9.30	26.68	7.56	5.93	16W
43% Protein Cottonseed Cake	43.00	5.20	12.00	23.00			679D
Analysis <sup>c</sup>	41.68	5.59	12.14	27.33	7.68	5.58	167S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>600</sup>Short in weight.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Southland Cotton Oil Company, Waxahachie, Texas.</b>							
43% Protein Cottonseed Pellets .....	43.00	5.20	12.00	25.00			536E
Analysis <sup>b,c</sup> .....	41.49	5.45	10.21	26.44	10.02	6.39	126S
43% Protein Cottonseed Meal .....	43.00	5.20	12.00	25.00			536H
Analysis .....	43.56	5.60	9.59	27.83	6.91	6.51	260S
Analysis .....	42.93	5.94	10.66	26.86	7.67	5.94	108T
Analysis .....	42.66	6.48	9.41	26.18	8.49	6.78	39W
Analysis <sup>c</sup> .....	42.12	6.56	9.15	28.54	7.66	5.97	45W
Analysis <sup>b,c</sup> .....	41.65	6.60	9.82	27.62	8.40	5.91	47W
Analysis <sup>c</sup> .....	41.05	5.40	11.41	28.58	7.56	6.00	84W
Analysis <sup>c</sup> .....	41.06	5.15	11.81	29.61	5.83	6.54	258W
Southland's 70-30 Dairy-Mix Mixed Feed .....	15.50	2.20	34.50	35.00			536M
Analysis <sup>c</sup> .....	12.77	1.87	31.38	41.52	8.77	3.69	50T
41% Protein Soybean Oil Meal .....	41.00	5.00	6.00	28.00			536Q
Analysis .....	45.55	5.34	5.48	29.09	8.25	6.29	322S
Analysis .....	46.35	5.35	5.95	28.51	7.80	6.04	176T
Analysis .....	45.33	5.63	5.52	29.12	8.57	5.83	55W
<b>South Texas Cotton Oil Company, Austin, Texas.</b>							
43% Protein Pebble-Size Cottonseed Cake .....	43.00	6.00	12.00	23.00			1049A
Analysis <sup>b,c</sup> .....	41.58	6.80	9.87	28.19	7.88	5.68	30H
43% Protein Cottonseed Meal .....	43.00	6.00	12.00	23.00			1049F
Analysis .....	43.23	5.78	9.38	26.64	8.82	6.15	32H
Analysis <sup>c</sup> .....	42.25	6.23	10.85	27.11	7.66	5.90	106H
43% Protein Cracked Cottonseed Cake .....	43.00	6.00	12.00	23.00			1049G
Analysis .....	42.96	5.87	8.76	27.50	8.86	6.05	31H
Analysis .....	43.32	5.73	11.52	26.02	7.73	5.68	114H
Analysis .....	43.83	5.54	11.95	25.54	7.27	5.87	297S
Analysis .....	43.10	5.74	9.91	27.23	7.91	6.11	4W
<b>South Texas Cotton Oil Company, Brownsville, Texas.</b>							
28% Protein Whole-Pressed Cottonseed .....	28.00	5.00	23.00	29.00			1565B
Analysis .....	28.72	5.80	22.73	30.88	7.25	4.62	189H
28% Protein Ground Whole-Pressed Cottonseed .....	28.00	5.00	23.00	29.00			1565D
Analysis .....	28.90	4.51	21.72	32.88	6.82	5.17	15H
Analysis .....	29.25	4.97	21.12	32.08	7.63	4.95	228H
Analysis .....	27.75	4.31	21.80	34.04	6.57	5.53	498H
<b>South Texas Cotton Oil Company, Corpus Christi, Texas.</b>							
43% Protein Cottonseed Meal .....	43.00	5.20	12.00	25.00			319A
Analysis <sup>c</sup> .....	41.38	5.90	10.28	28.34	8.25	5.85	10H
Analysis .....	43.31	6.05	9.45	26.56	8.54	6.09	435H
Analysis .....	43.25	5.99	9.49	27.06	8.06	6.15	437H
43% Protein Cottonseed Cake .....	43.00	5.20	12.00	25.00			319B
Analysis .....	44.33	6.08	8.82	26.92	7.78	6.07	49H
Analysis .....	43.97	6.15	9.36	26.95	7.54	6.03	105H
Analysis .....	43.34	6.36	9.15	26.65	8.72	5.78	370M
Analysis .....	43.82	6.65	10.76	24.98	7.76	6.03	3W
43% Protein Cottonseed Pellets .....	43.00	5.20	12.00	25.00			319C
Analysis .....	42.53	6.70	9.58	26.46	8.60	6.13	99H
Analysis .....	42.66	6.44	10.60	26.80	7.56	5.94	256H

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.



*a, b, c, d, e, f, g, h, i, j, k*—See legend at the beginning of this table.

**Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued**

(The guaranties are printed in *italics* following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>South Texas Cotton Oil Company, Harlingen, Texas.</b>							
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>5.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1129A
Analysis.....	42.56	5.09	10.01	27.06	9.22	6.06	2H
Analysis.....	42.56	5.45	10.14	28.00	7.81	6.04	174H
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1129B
Analysis <sup>c</sup> .....	42.17	5.96	10.33	27.53	8.09	5.92	113H
Analysis <sup>c</sup> .....	40.46	6.38	10.85	28.70	7.79	5.82	141H
Analysis <sup>c</sup> .....	40.88	6.14	10.96	28.46	7.85	5.71	173H
Analysis <sup>c</sup> .....	42.42	5.91	9.18	28.36	8.05	6.08	226H
Analysis <sup>c</sup> .....	41.91	5.94	11.67	27.67	6.99	5.82	500H
<b>South Texas Cotton Oil Company, Hearne, Texas.</b>							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	220F
Analysis.....	43.26	5.73	9.64	27.22	8.26	5.89	192H
Analysis.....	43.57	5.75	9.74	27.07	7.68	6.19	75M
Analysis.....	43.49	5.63	9.98	26.83	7.80	6.27	19W
Analysis.....	43.73	6.30	8.81	27.34	7.98	5.84	21W
43% Protein Cracked Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	220G
Analysis.....	42.54	5.96	9.74	26.79	8.88	6.09	106S
41% Protein Soybean Oil Meal.....	<i>41.00</i>	<i>4.50</i>	<i>7.00</i>	<i>29.00</i>	.....	.....	220L
Analysis.....	44.46	5.41	5.91	28.98	8.91	6.33	314H
Analysis.....	45.11	5.57	5.27	28.63	8.82	6.60	321H
Analysis <sup>k</sup> .....	45.16	5.89	5.90	28.05	8.61	6.39	296S
<b>South Texas Cotton Oil Company, Houston, Texas.</b>							
34% Protein Linseed Meal.....	<i>34.00</i>	<i>6.00</i>	<i>9.00</i>	<i>35.00</i>	.....	.....	1218O
Analysis.....	36.45	5.84	8.99	35.94	6.70	6.08	484M
<b>South Texas Cotton Oil Company, Robstown, Texas.</b>							
43% Protein Nut-Size Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	727A
Analysis.....	43.39	5.73	10.55	26.72	7.95	5.66	H
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	727B
Analysis <sup>ch</sup> .....	41.60	6.39	10.66	27.46	8.38	5.51	90H
Analysis.....	42.58	5.96	10.39	27.07	8.32	5.68	101H
Analysis.....	42.75	6.41	10.28	27.29	7.65	5.62	152H
Analysis.....	43.00	6.07	10.72	26.05	8.38	5.78	82M
43% Protein Pea-Size Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	727C
Analysis <sup>c</sup> .....	42.18	5.50	10.61	26.88	8.78	6.05	111H
43% Protein Sheep-Size Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	727D
Analysis <sup>bc</sup> .....	41.85	5.23	10.19	29.23	7.66	5.84	25H
45% Protein Peanut Meal.....	<i>45.00</i>	<i>6.00</i>	<i>10.00</i>	<i>23.00</i>	.....	.....	727G
Analysis <sup>c</sup> .....	43.53	8.19	16.97	20.10	7.19	4.02	255H
Analysis <sup>c</sup> .....	41.26	8.05	20.06	19.10	7.52	4.01	369M
<b>South Texas Cotton Oil Company, Taylor, Texas.</b>							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	1883C
Analysis.....	43.93	6.12	10.90	25.92	7.51	5.62	108S
Analysis.....	43.02	6.63	12.00	26.44	6.14	5.77	169S
Analysis.....	44.00	5.53	11.69	26.01	7.10	5.67	199S
Analysis <sup>oos</sup> .....	42.89	6.61	11.67	25.57	7.43	5.83	245S
Analysis.....	42.69	6.36	9.94	26.85	8.59	5.57	12W
Analysis <sup>oos</sup> .....	44.04	5.74	10.85	27.14	7.08	5.15	52W
43% Protein Pea-Size Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	1883F
Analysis.....	44.17	4.74	9.98	26.92	8.16	6.03	107S
43% Protein Sheep-Size Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	1883G
Analysis <sup>oos</sup> .....	42.87	5.40	12.54	25.51	7.77	5.91	244S
41% Protein Soybean Oil Meal.....	<i>41.00</i>	<i>5.00</i>	<i>6.00</i>	<i>28.00</i>	.....	.....	1883P
Analysis.....	43.66	6.01	5.26	29.13	9.88	6.06	65W
41% Protein Cracked Soybean Oil Cake.....	<i>41.00</i>	<i>5.00</i>	<i>6.00</i>	<i>28.00</i>	.....	.....	1883R
Analysis.....	44.08	4.82	5.85	29.78	8.89	6.58	313H

*a, b, c, d, e, f, g, h, i, j, k*—See legend at the beginning of this table.

<sup>oos</sup>Off quality.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>South Texas Cotton Oil Company,</b> Victoria, Texas.							
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00	.....	.....	309A8
Analysis <sup>c</sup> .....	42.48	5.83	18.65	21.22	7.56	4.26	271H
Analysis.....	45.29	6.94	15.54	20.46	7.28	4.49	16W
34% Protein Linseed Meal.....	34.00	6.00	9.00	35.00	.....	.....	309B1
Analysis.....	33.82	6.66	10.38	37.08	6.20	5.86	487H
<b>South Texas Feed Company,</b> Houston, Texas.							
Uncle Johnny's Egaday Brand Starter Mash.....	19.00	3.50	6.00	47.30	.....	.....	214K
Analysis.....	21.09	4.04	4.85	53.90	10.06	6.06	301H
Analysis.....	21.45	4.60	4.83	51.52	11.47	6.13	272M
Analysis <sup>e</sup> .....	22.88	3.13	5.38	50.92	11.10	6.59	363M
Uncle Johnny's Egaday Brand Starter Mash.....	19.30	4.00	6.70	49.00	.....	.....	214K
Analysis.....	21.00	3.33	6.45	52.29	10.38	6.55	404J
Analysis <sup>j</sup> .....	21.14	3.71	5.76	53.79	10.51	5.09	179W
Uncle Johnny's Egaday Brand Laying Mash.....	19.00	3.80	6.00	48.00	.....	.....	214L
Analysis.....	22.71	4.25	5.30	50.82	10.66	6.26	334H
Analysis.....	21.40	4.02	4.70	52.40	10.25	7.23	25J
Analysis <sup>99</sup> .....	23.19	5.03	5.09	47.79	11.04	7.86	262M
Analysis <sup>e</sup> .....	21.71	4.83	4.80	50.47	10.72	7.47	27W
Uncle Johnny's Egaday Brand Laying Mash.....	18.50	4.00	7.00	49.60	.....	.....	214L
Analysis <sup>j</sup> .....	21.43	3.62	4.34	54.59	11.32	4.70	196W
Uncle Johnny's Egaday Brand Growing Mash.....	17.50	3.50	7.00	48.50	.....	.....	214M
Analysis <sup>e</sup> .....	18.51	4.38	7.04	52.77	10.70	6.60	328H
Master-Mix Brand Feed and Fattener.....	11.00	3.00	8.20	56.00	.....	.....	214X
Analysis <sup>700</sup> .....	12.98	2.79	7.94	59.83	12.09	4.37	86W
Satisfaction Brand Laying Mash.....	18.50	3.50	7.80	49.00	.....	.....	214A5
Analysis <sup>701e</sup> .....	21.19	4.07	6.35	49.40	10.18	8.81	267H
Satisfaction Brand Laying Mash.....	18.80	4.70	7.50	50.00	.....	.....	214A5
Analysis <sup>e</sup> .....	20.95	4.44	5.33	51.59	9.60	8.09	364M
Satisfaction Brand Laying Mash.....	18.50	3.50	6.00	52.00	.....	.....	214A5
Analysis <sup>e</sup> .....	22.00	4.74	5.85	51.60	9.04	6.77	483H
Satisfaction Brand Horse and Mule Feed.....	10.00	3.00	10.00	59.00	.....	.....	214A9
Analysis <sup>702e</sup> .....	12.66	2.99	7.33	59.40	13.32	4.30	273M
Satisfaction Brand Sweet Feed.....	11.00	2.50	9.00	62.00	.....	.....	214B1
Analysis <sup>703</sup> .....	11.51	3.81	11.52	51.41	16.48	5.27	338M
Analysis <sup>e</sup> .....	12.15	3.50	7.21	56.32	13.21	7.61	365M
Satisfaction Brand Sweet Feed.....	10.00	2.50	9.50	62.00	.....	.....	214B1
Analysis <sup>ae</sup> .....	11.80	3.77	6.63	60.64	9.86	7.30	478H
Uncle Johnny's Porkaday 32% Protein Supplement for Pigs and Hogs.....	32.00	3.00	8.00	30.00	.....	.....	214C6
Analysis <sup>e</sup> .....	34.84	3.30	7.86	33.87	10.35	9.78	29W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>699</sup>Rice bran found, not claimed.<sup>700</sup>Blank tags attached.<sup>701</sup>Rice bran and milo meal found, not claimed.<sup>702</sup>Cottonseed meal found, not claimed.<sup>703</sup>Peanut hulls found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>South Texas Feed Company (Cont.), Houston, Texas.</b>							
Wheat Chop	12.00	2.00	3.00	70.00			214C7
Analysis <sup>a,e</sup>	15.68	1.67	3.00	65.52	11.95	2.18	6A
Master-Mix Brand Laying Mash	19.00	3.50	7.00	49.50			214E4
Analysis <sup>a</sup>	22.00	3.02	5.31	51.43	10.19	8.05	26H
Analysis <sup>704</sup>	23.28	4.53	5.53	48.98	9.34	8.34	222M
Corn Meal	9.00	3.50	3.00	70.00			214F1
Analysis <sup>a</sup>	9.35	3.69	2.03	69.72	13.48	1.73	354M
Uncle Johnny's Egaday Brand Turkey Developer Mash	20.00	3.50	7.00	47.00			214F8
Analysis <sup>a,e</sup>	23.20	3.79	6.98	49.95	9.34	6.74	219W
Uncle Johnny's Porkaday 40% Protein Concentrate for Pigs and Hogs	40.00	3.00	8.00	23.50			214G6
Analysis	38.54	5.35	11.31	26.38	7.58	10.84	301M
Analysis <sup>704</sup>	40.72	4.49	8.28	25.94	8.14	12.43	26W
Master-Mix Brand 18% Protein Dairy Ration	18.00	3.50	20.00	38.50			214J3
Analysis <sup>a</sup>	19.28	4.28	15.98	37.89	10.38	12.19	223M
Satisfaction Brand 18% Protein Dairy Ration	18.00	3.50	20.00	38.50			214J3
Analysis <sup>a</sup>	19.44	2.95	17.35	42.62	10.61	7.03	402H
Satisfaction Brand 36% Protein Supplement for Poultry	36.00	4.50	6.50	22.00			214L1
Analysis <sup>a,705</sup>	38.54	5.60	6.18	25.32	8.01	16.35	11W
Victory Brand 18% Protein Dairy Feed	18.00	3.60	13.00	44.80			214P2
Analysis <sup>b,706</sup>	20.52	4.63	12.59	44.58	9.42	8.26	281H
Analysis <sup>707</sup>	17.73	3.15	8.98	52.87	10.03	7.24	401H
Analysis	17.91	4.56	11.96	46.02	10.01	9.54	278M
Analysis <sup>708</sup>	18.10	3.49	9.30	50.67	10.60	7.84	178W
<b>South Texas Gin, Mill, and Feed Co., Hallettsville, Texas.</b>							
Master-Bilt Brand Laying Mash	18.00	3.50	6.40	49.70			1787D
Analysis	20.47	4.27	6.05	51.99	9.64	7.58	409M
<b>Southwestern Cotton Oil Company, Oklahoma City, Oklahoma.</b>							
41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00			95D
Analysis <sup>a,709</sup>	45.25	6.19	5.20	30.96	6.31	6.09	449K
<b>Southwestern Rice Mill, Inc., Galveston, Texas.</b>							
Rice Polishings containing Limestone	11.00	6.00	4.00	55.00			603A
Analysis	12.91	14.02	2.61	52.38	10.85	7.23	201M
Rice Bran containing Limestone	13.50	13.50	12.00	42.00			603B
Analysis	14.08	14.00	11.65	42.74	6.64	10.89	193M
<b>Southwestern Sugar &amp; Molasses Co., El Paso, Texas.</b>							
Bobby Special 36% Protein Sweet Feed	36.00	3.00	6.00	28.00			1634A
Analysis <sup>710</sup>	34.59	3.99	6.53	37.84	7.57	9.48	289S
Analysis <sup>a</sup>	35.59	4.23	7.41	35.80	7.70	9.27	164T

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>704</sup>Registration canceled.<sup>705</sup>Registration canceled.<sup>706</sup>Blank tags attached. Brewers' dried grains found, not claimed.<sup>707</sup>Cottonseed meal and rice bran claimed, not found.<sup>708</sup>Rice bran claimed, not found.<sup>709</sup>Short in weight.<sup>710</sup>Corn meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Staffel Company, Ferd, San Antonio, Texas.</b>							
Staffel's Starter with Buttermilk.....	17.00	3.90	5.50	54.00			2232M
Analysis <sup>711e</sup> .....	16.05	4.22	4.18	58.81	10.43	6.31	303H
Maltine Cow Feed.....	22.00	4.00	13.00	42.00			2232Q
Analysis.....	25.30	4.35	11.31	43.67	9.18	6.19	74H
Fairland's Dairy Feed.....	19.50	3.00	9.00	45.00			2232R
Analysis.....	19.90	3.71	8.30	50.63	11.20	6.26	75H
Staffel's Growing Mash.....	17.00	3.60	6.50	52.30			2232S
Analysis.....	18.10	4.01	5.18	54.30	10.59	7.82	352H
Staffel's Longhorn Mixed Feed.....	13.00	2.00	17.50	45.00			2232X
Analysis.....	14.61	2.08	15.06	47.72	11.38	9.15	76H
Analysis.....	15.59	2.27	15.05	45.61	12.10	9.38	193H
Staffel's Pig Feed.....	18.00	3.00	6.00	47.60			2232A4
Analysis.....	18.19	4.43	4.86	51.70	10.11	10.71	138H
Staffel's Start-to-Finish Broiler Mash.....	16.70	3.70	5.40	52.40			2232B5
Analysis.....	17.77	4.75	4.44	53.98	10.80	8.26	139H
Analysis.....	17.68	5.17	4.19	56.07	9.43	7.46	453H
Staffel's 36% Protein Concentrate for Poultry.....	36.00	4.80	6.00	26.00			2232C2
Analysis.....	36.46	5.31	5.80	28.62	8.43	15.38	33H
Staffel's Star Brand Laying Mash.....	20.50	3.50	7.40	44.60			2232C7
Analysis.....	22.00	5.52	5.49	45.71	10.02	11.26	116H
Staffel's 36% Protein Supplement for Hogs and Pigs.....	36.00	4.00	6.50	18.50			2232D2
Analysis <sup>712</sup> .....	37.58	6.83	4.20	18.18	7.20	26.01	137H
Pendleton Laying Mash.....	18.00	3.50	6.20	47.50			2232D7
Analysis.....	19.70	4.86	5.41	49.48	10.46	10.09	3H
Analysis <sup>713</sup> .....	19.11	4.06	4.59	51.48	10.13	10.63	353H
<b>Staley Manufacturing Company, A. E., Decatur, Illinois.</b>							
Staley's Corn Gluten Feed.....	23.00	1.50	8.00	42.00			295A
Analysis.....	28.91	2.87	8.17	45.27	7.91	6.87	546K
Analysis.....	24.67	3.25	7.44	46.24	8.46	9.94	359T
Staley's 41% Protein Soybean Oil Meal.....	41.00	3.50	7.00	29.00			295B
Analysis.....	44.45	4.49	5.94	28.53	10.93	5.66	133K
Staley's Corn Oil Meal.....	18.00	4.00	11.00	45.00			295C
Analysis.....	23.08	6.33	9.82	48.90	9.07	2.80	77J
Analysis.....	18.19	4.40	11.40	52.21	10.93	2.87	344J
Analysis.....	20.14	6.25	7.88	54.26	9.28	2.19	360T
<b>Stamford Cotton Oil Mill, Stamford, Texas.</b>							
Chuck Wagon Brand 43% Protein Cottonseed Cubes.....	43.00	6.00	12.00	23.00			439A
Analysis <sup>714</sup> .....	44.61	5.29	11.70	26.05	6.26	6.09	195S
Analysis.....	43.56	5.15	11.80	26.29	7.49	5.71	114T
Chuck Wagon Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00			439C
Analysis.....	45.57	5.38	10.12	25.73	7.41	5.79	191S
Chuck Wagon Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			439H
Analysis.....	42.69	5.41	12.35	26.64	6.89	6.02	18S
Analysis.....	45.31	5.22	9.89	27.69	6.37	5.52	66S
Analysis.....	45.17	5.87	10.69	25.78	7.00	5.49	130S
Analysis.....	42.75	5.27	12.40	27.43	6.86	5.29	131S
Analysis.....	42.62	5.63	11.25	27.26	7.49	5.75	186S
Analysis.....	43.76	5.05	10.22	28.33	7.20	5.44	107T
Analysis.....	44.20	6.03	10.57	27.63	6.35	5.22	122T
Analysis <sup>c</sup> .....	41.50	6.59	11.95	28.41	6.30	5.25	197T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>711</sup>Deficient in meat and bone scraps.<sup>712</sup>Excess ground limestone found.<sup>713</sup>Soybean oil meal found, not claimed.<sup>714</sup>In pellet form. Defaced tags attached.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Stamford Cotton Oil Mill (Continued), Stamford, Texas.</b>							
Chuck Wagon Brand 41% Protein							
Cottonseed Meal.....	41.00	5.00	12.00	25.00			439N
Analysis <sup>c</sup> .....	40.21	5.25	12.28	29.08	6.82	6.38	506K
Chuck Wagon Brand 41% Protein							
Soybean Oil Meal.....	41.00	4.50	7.00	29.00			439Q
Analysis.....	45.56	5.42	5.27	28.88	8.48	6.39	435S
<b>Stamford Mill &amp; Elevator Company, Stamford, Texas.</b>							
Number Five Egg Laying Mash.....	18.00	3.50	7.00	48.00			66C
Analysis.....	17.19	3.55	5.27	55.35	10.57	8.07	328S
Our Best Brand Starter Mash.....	18.50	3.80	6.00	50.00			66K
Analysis.....	19.50	3.70	6.00	47.00			66L
Our Best Brand Laying Mash.....	15.61	3.52	5.70	56.86	11.36	6.95	327S
Analysis <sup>715</sup> .....	19.64	4.33	4.85	53.19	9.81	8.18	67S
Analysis <sup>715</sup> .....	19.15	3.97	5.83	55.21	9.99	5.85	491S
Our Best Brand Growing Mash.....	17.00	3.60	6.00	52.00			66M
Analysis.....	17.50	4.42	4.74	56.19	9.97	7.18	271S
Our Best Brand 32% Protein All-Purpose Supplement.....	32.00	4.30	6.70	22.00			66Q
Analysis <sup>716</sup> .....	31.11	4.70	6.24	28.06	8.34	21.55	19S
Miti-Good Brand Laying Mash.....	19.00	3.50	7.20	48.00			66S
Analysis <sup>717</sup> .....	17.86	3.31	6.88	53.98	9.25	8.72	384S
Monarch Milk-Maker.....	17.50	4.00	9.00	50.00			66B5
Analysis <sup>717</sup> .....	18.51	4.11	7.48	54.99	8.51	6.40	434S
Analysis.....	18.02	4.07	8.17	53.57	9.83	6.34	247T
<b>Stanard-Tilton Division, Russell-Miller Milling Company, Dallas, Texas.</b>							
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00			51B
Analysis <sup>k</sup> .....	17.18	3.72	5.42	59.96	10.16	3.56	431K
Analysis <sup>k</sup> .....	16.86	3.69	5.18	59.16	11.28	3.83	226M
Analysis <sup>k</sup> .....	17.33	3.62	5.63	63.58	6.15	3.69	290M
Analysis <sup>k</sup> .....	17.88	4.06	5.74	56.27	12.19	3.86	20S
Wheat Gray Shorts.....	16.00	3.50	6.00	55.00			51C
Analysis.....	15.87	3.47	4.08	61.72	11.25	3.61	508M
Wheat Bran.....	14.50	3.50	10.00	50.00			51J
Analysis <sup>k</sup> .....	16.99	4.39	10.83	50.49	10.55	6.75	352M
<b>Standard Milling Company, The, Lubbock, Texas.</b>							
Stanton's Big S Egg Mash.....	18.00	3.50	7.00	50.00			1430B
Analysis <sup>b,718</sup> .....	17.65	3.73	5.88	54.94	10.21	7.59	76K
Analysis <sup>a</sup> .....	19.26	3.80	4.97	54.25	11.54	6.18	195K
Analysis <sup>a</sup> .....	19.00	3.71	5.76	53.82	11.63	6.08	183S
Stanton's Milk-Producer.....	18.00	3.00	12.00	48.00			1430I
Analysis.....	17.16	3.26	9.05	50.86	12.88	6.79	95K
Stanton's Growing Mash.....	17.50	3.50	7.00	51.00			1430P
Analysis.....	19.57	4.40	5.45	53.82	9.33	7.43	315K
Stanton's Chick Starter.....	18.00	3.50	6.00	51.00			1430Q
Analysis.....	18.47	4.43	3.86	56.55	10.18	6.51	285K
Stanton's 33% Protein Supplement for Hogs.....	33.00	4.20	9.00	25.50			1430U
Analysis <sup>719</sup> .....	30.25	5.05	7.59	37.69	8.82	10.60	573K
Stanton's Balanced Ration Hog Feed.....	16.00	3.50	6.50	56.00			1430Z
Analysis <sup>720</sup> .....	15.81	3.25	4.49	62.00	9.68	4.77	443K

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>715</sup>Deficient in oyster shell.<sup>716</sup>Deficient in oyster shell. Excess of salt found.<sup>717</sup>Soybean oil meal found, not claimed.<sup>718</sup>Tags of wrong denomination attached.<sup>719</sup>Deficient in ground limestone. Excess of salt found.<sup>720</sup>Deficient in digester tankage.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Standard Milling Co., The (Cont.),</b> Lubbock, Texas.							
Stanton's Red Star Sweet Feed .....	9.00	1.40	19.00	49.50	.....	.....	1430B2
Analysis .....	10.78	2.03	7.60	60.79	11.30	7.50	172K
Stanton's Egg-Getter Egg Mash .....	18.00	3.50	7.80	50.40	.....	.....	1430B4
Analysis <sup>721</sup> .....	19.78	3.70	6.23	52.41	10.42	7.46	181K
Stanton's Domino Horse and Mule Feed .....	10.00	2.00	5.50	61.00	.....	.....	1430C2
Analysis .....	13.48	2.93	4.53	63.15	9.81	6.10	246K
Stanton's Capitol Cubes .....	16.00	2.60	9.00	51.70	.....	.....	1430C4
Analysis <sup>722</sup> .....	17.59	3.63	6.82	55.68	8.13	8.15	520K
Stanton's Pullet Builder Mash .....	15.00	3.50	8.00	53.00	.....	.....	1430D9
Analysis .....	16.00	3.44	6.08	58.05	10.72	5.71	494K
Analysis <sup>723</sup> .....	17.58	3.73	5.96	56.82	9.66	6.25	526K
Stanton's 32% Protein Egg Mash Concentrate .....	32.00	4.00	7.00	27.00	.....	.....	1430F5
Analysis <sup>724</sup> .....	33.42	5.06	6.43	31.04	8.84	15.21	88K
Analysis <sup>724</sup> .....	32.30	6.38	6.37	31.71	8.79	14.45	214K
Stanton's All-Mash Chick Starter .....	16.00	3.50	7.00	51.00	.....	.....	1430H8
Analysis .....	19.75	4.39	6.84	52.00	9.68	7.34	332K
Stanton's 18% Protein Sweet Feed .....	18.00	3.00	11.00	47.30	.....	.....	1430I6
Analysis <sup>721</sup> .....	18.10	3.01	7.14	53.66	10.01	8.08	447K
Stanton's Panhandle 20% Protein Ranch Cubes .....	20.00	3.50	8.50	48.00	.....	.....	1430J9
Analysis .....	19.80	3.49	7.10	51.21	10.14	8.26	281K
Analysis .....	19.31	3.53	7.29	52.70	9.15	8.02	357S
Stanton's Crown 16% Protein Cubes .....	16.00	3.00	9.20	54.50	.....	.....	1430L2
Analysis .....	15.65	2.72	5.94	58.88	8.81	8.00	433K
<b>Standard Rice Company, Inc.,</b> Houston, Texas.							
Rice Bran containing Limestone .....	11.00	10.00	15.00	35.00	.....	.....	247G
Analysis .....	11.11	13.65	10.94	39.96	9.58	14.76	376M
<b>Star Feed Company,</b> Fort Worth, Texas.							
Starko Superior Brand Egg Mash .....	19.00	3.60	6.00	48.00	.....	.....	2375F
Analysis <sup>725</sup> .....	19.44	4.78	6.04	49.57	10.21	9.96	174T
Starko Growing Mash .....	15.00	3.50	5.50	49.50	.....	.....	2375H
Analysis .....	15.85	3.81	5.92	57.34	9.99	7.09	346T
<b>State Line Milling Company,</b> Kiowa, Kansas.							
Wheat Gray Shorts and Screenings .....	17.00	4.00	6.00	55.00	.....	.....	1297F
Analysis .....	15.42	4.26	6.17	57.98	11.72	4.45	367J
<b>Stevenson's Hatchery &amp; Feed Mill,</b> Dallas, Texas.							
Stevenson's Milk-Producer Brand Dairy Feed .....	18.00	3.00	9.50	49.50	.....	.....	1188I
Analysis <sup>725</sup> .....	19.19	3.37	8.52	53.20	10.23	5.49	221T
Stevenson's Super-Brand Laying Mash .....	20.00	3.60	7.00	46.00	.....	.....	1188M
Analysis <sup>725</sup> .....	20.50	3.42	5.90	52.88	10.14	7.16	235T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>721</sup>Deficient in ground limestone.<sup>722</sup>In ground condition.<sup>723</sup>Dried kelp claimed, not found.<sup>724</sup>Deficient in salt.<sup>725</sup>Soybean oil meal found, not claimed.<sup>726</sup>Dried kelp claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Stockmens Feed Manufacturing Co.,</b> Clovis, New Mexico.							
El Producto Brand Egg Mash	18.00	3.60	7.00	49.00			1578A
Analysis <sup>727</sup>	19.92	3.54	6.29	53.41	9.52	7.32	566K
El Rancho Brand Laying Mash	19.00	3.50	7.00	47.00			1578E
Analysis <sup>728</sup>	20.86	4.00	5.52	48.93	9.80	10.89	102K
Perfecto Brand 18% Protein Dairy Feed	18.00	3.00	7.00	51.00			1578H
Analysis	18.00	3.02	4.46	55.54	12.03	6.95	227K
Grand Champion Brand 38% Protein Supplement for Hogs	38.00	4.50	7.00	21.00			1578N
Analysis <sup>k b 729</sup>	38.20	5.45	5.44	25.25	8.73	16.93	51K
Analysis	36.69	4.57	8.96	28.88	7.55	13.35	323K
El Rancho Brand Chick Starter	18.00	3.60	6.00	51.00			1578Q
Analysis	20.35	4.72	4.65	50.23	9.59	10.48	320K
Analysis <sup>a 730</sup>	20.21	4.73	5.46	50.70	8.59	10.31	479K
El Rancho Brand Growing Mash	18.00	3.50	7.50	49.00			1578S
Analysis <sup>731</sup>	19.31	4.34	4.08	55.22	9.62	7.43	478K
El Rancho Brand 36% Protein Concentrate for Poultry	36.00	4.50	7.50	22.00			1578Y
Analysis <sup>a 732</sup>	36.89	5.59	6.14	24.35	8.30	18.73	228K
El Rancho Brand Growing Mash Pellets	18.00	3.50	7.50	49.00			1578E2
Analysis <sup>b 733</sup>	20.14	4.18	6.76	50.98	9.90	8.04	575K
<b>Stubbs-Young Grain &amp; Seed Company,</b> Lubbock, Texas, and Branches.							
Mixed Feed	14.00	2.00	28.60	39.00			1707A
Analysis	16.31	2.68	25.20	43.04	8.31	4.46	139T
Sun-Ray Brand Chick Starter	17.00	3.50	7.00	52.00			1707C
Analysis	18.24	4.25	5.17	55.15	9.19	8.00	287K
Sun-Ray Brand Growing Mash	15.00	3.50	8.00	54.00			1707D
Analysis <sup>734</sup>	16.86	4.21	5.21	58.09	9.73	5.90	424K
Analysis <sup>b 735</sup>	15.70	3.91	4.68	60.57	9.98	5.16	571K
Sun-Ray Brand Laying Mash	18.00	3.50	8.00	48.00			1707G
Analysis	21.42	3.93	6.22	52.13	10.06	6.24	505K
Milo Head Chop	8.50	2.50	8.00	65.00			1707J
Analysis <sup>736</sup>	9.00	1.69	10.31	64.35	9.43	5.22	226T
Analysis <sup>736</sup>	9.78	2.23	7.10	66.50	9.21	5.18	297T
Analysis	10.17	2.55	6.48	70.26	6.61	3.93	345T
X-I Brand Laying Mash	19.00	3.60	7.00	48.50			1707K
Analysis	19.22	3.62	6.24	54.34	9.30	7.28	512K
Sun-Ray Brand 30% Protein Supplement for Pigs and Hogs	30.00	5.00	6.50	32.00			1707M
Analysis <sup>737</sup>	30.25	6.56	7.30	35.32	8.90	11.67	305K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>727</sup>Excess of ground limestone found.<sup>728</sup>Dried kelp claimed, not found. Linseed meal and dried fermentation solubles found, not claimed.<sup>729</sup>Excess of salt found.<sup>730</sup>Excess of ground limestone and salt found.<sup>731</sup>Dried kelp claimed, not found.<sup>732</sup>Fish meal claimed, not found.<sup>733</sup>In ground condition. Excess of ground limestone and salt.<sup>734</sup>Linseed meal claimed, not found.<sup>735</sup>Defaced tags of wrong denomination attached.<sup>736</sup>Rice hulls present.<sup>737</sup>Deficient in ground limestone.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Stubbs-Young Grain &amp; Seed Co. (Cont.),</b> Lubbock, Texas, and Branches.							
Ground Whole Oats	11.00	4.00	12.00	58.00			1707R
Analysis <sup>a738</sup>	14.88	4.56	12.82	53.22	9.79	4.73	363T
Milo Chop	10.00	2.50	3.00	70.00			1707U
Analysis	11.08	2.86	2.31	72.01	9.63	2.11	342T
Kafir Chop	10.00	2.50	3.00	70.00			1707V
Analysis	11.30	3.10	2.24	71.55	10.03	1.78	366T
Alfalfa Meal and Molasses	10.00	1.00	25.00	42.50			1707B4
Analysis <sup>739</sup>	8.26	.54	25.37	45.19	12.85	7.79	172T
Analysis <sup>740</sup>	7.50	1.00	28.20	41.28	11.76	10.26	280T
Analysis <sup>740</sup>	8.88	1.01	28.26	40.15	9.38	12.32	338T
Analysis <sup>740</sup>	11.62	1.02	20.47	42.94	10.73	13.22	341T
Alfalfa Meal	13.00	1.50	33.00	35.00			1707C2
Analysis <sup>a741</sup>	17.53	1.42	32.38	31.23	8.95	8.49	291K
<b>Sugar Land Feed Company,</b> Sugar Land, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1528E
Analysis <sup>a</sup>	7.68	3.16	11.39	66.62	9.33	1.82	386M
Fort Bend Stock-Saver Brand Feed	9.00	1.70	36.00	35.00			1528I
Analysis <sup>742</sup>	6.45	1.09	33.16	39.80	12.80	6.70	384M
No. 2 Mxtrite Brand Ear Corn Chop with Husk and Molasses	7.00	2.40	8.00	65.00			1528W
Analysis	8.17	2.60	8.32	64.28	13.48	3.15	112M
Imperial Mxtrite Brand Alfalfa Meal and Molasses	10.60	1.00	27.00	42.00			1528A4
Analysis <sup>743</sup>	10.60	.67	20.50	44.43	15.44	8.36	111M
Imperial Mxtrite Brand Peanut Hulls and Molasses	7.00	1.00	50.00	29.00			1528A5
Analysis <sup>744</sup>	7.49	1.10	32.54	36.74	12.64	9.49	385M
Rye Meal	10.00	1.50	2.00	72.00			1528C9
Analysis <sup>a</sup>	12.85	1.59	2.06	71.21	10.26	2.03	399M1
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1528F4
Analysis	42.53	6.98	8.92	26.23	8.29	7.05	113M
<b>Sulphur Springs Cotton Oil Company,</b> Sulphur Springs, Texas.							
41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00			133B
Analysis <sup>k</sup>	44.58	5.24	6.82	25.68	11.59	6.09	392J
43% Protein Cottonseed Meal	43.00	5.00	12.00	23.00			133C
Analysis	43.17	5.21	10.13	27.90	7.74	5.85	112J
Analysis	43.85	5.78	9.84	27.70	6.99	5.84	228J
Analysis	42.64	5.97	9.43	26.39	8.23	7.34	491J
Dandy Brand Dairy Feed	20.00	4.00	12.50	51.00			133P
Analysis <sup>745j</sup>	20.61	4.99	9.41	47.00	10.08	7.91	171J
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00			133A3
Analysis	43.24	5.75	11.25	25.98	7.74	6.04	63J
Wingo's 18% Protein Dairy Feed	18.00	3.00	14.00	45.00			133B4
Analysis	20.14	3.08	10.52	49.62	9.79	6.85	64J
<b>Sun-Ray Feed Company,</b> Fort Worth, Texas.							
Peanut Hulls and Cane Molasses	6.60	1.20	44.50	32.50			102A
Analysis <sup>a746</sup>	6.91	1.44	35.85	37.19	9.86	8.75	104T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>738</sup>Sudan grass seed present.<sup>739</sup>Rice hulls, ground peanut hay, kafir meal, and peanut hulls present.<sup>740</sup>Rice hulls present.<sup>741</sup>Net weight not legal. Even-weighted to 100 pounds net.<sup>742</sup>Deficient in cottonseed meal.<sup>743</sup>Cottonseed meal, ground whole oats, milo meal, and lespedeza hay present.<sup>744</sup>Rice hulls present.<sup>745</sup>Rice bran found, not claimed.<sup>746</sup>Rice hulls present.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Superior Cak &amp; Meal Company,</b> Kansas City, Missouri.							
41% Protein Expeller Process Soybean Oil Meal.....	41.00	4.50	7.00	30.00	.....	.....	972A
Analysis <sup>a</sup> .....	44.89	5.47	5.59	27.82	10.14	6.09	83T
<b>Sweetwater Cotton Oil Company,</b> Sweetwater, Texas.							
Sweetwater Dairy Feed.....	20.00	3.60	12.50	45.00	.....	.....	2278B
Analysis <sup>a</sup> .....	22.53	3.77	11.30	46.71	8.09	7.60	338S
Sweetwater 18% Protein Dairy Feed.....	18.00	3.00	10.00	51.00	.....	.....	2278B
Analysis <sup>747</sup> .....	17.26	3.41	6.18	55.90	11.34	5.91	498S
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....	2278G
Analysis.....	43.55	5.25	10.86	26.24	7.95	6.15	56K
Analysis.....	42.85	5.22	11.57	27.22	7.73	5.41	226K
Analysis.....	43.59	5.23	12.47	26.89	6.30	5.52	84S
Analysis.....	43.45	5.68	11.62	27.15	6.50	5.60	115S
Analysis <sup>a</sup> .....	41.57	5.56	11.90	33.64	1.53	5.80	140S
Analysis.....	43.28	5.64	11.10	28.58	5.50	5.90	142S
Analysis.....	42.73	5.59	11.41	26.10	8.47	5.70	181S
Analysis.....	42.82	5.47	10.66	30.30	5.02	5.73	232S
Analysis <sup>748</sup> .....	43.46	5.38	13.82	26.67	5.16	5.51	393S
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	23.00	.....	.....	2278H
Analysis <sup>a</sup> .....	40.34	5.30	10.85	30.93	6.92	5.66	176S
Sweetco Mixed Feed.....	11.80	1.70	38.00	36.00	.....	.....	2278I
Analysis <sup>749</sup> .....	11.22	2.02	36.92	40.48	5.71	3.65	135S
Sweetwater Mixed Feed.....	11.80	1.70	38.00	36.00	.....	.....	2278I
Analysis.....	11.46	3.28	33.17	42.21	6.25	3.63	101T
Sweetwater Range Cubes.....	20.00	3.30	8.00	49.00	.....	.....	2278J
Analysis.....	18.94	4.07	7.81	55.33	9.02	4.83	340S
Analysis <sup>749</sup> .....	20.80	3.88	5.35	48.79	14.72	6.46	457S
43% Protein Cottonseed Cubes.....	43.00	5.20	12.00	23.00	.....	.....	2278M
Analysis <sup>a</sup> .....	42.30	5.45	11.41	26.96	7.80	6.08	78K
Analysis <sup>a</sup> .....	42.45	5.33	11.90	27.20	7.13	5.99	79K
Analysis <sup>a</sup> .....	41.81	5.28	11.69	27.26	8.00	5.96	80K
Analysis <sup>a</sup> .....	42.31	5.39	11.17	27.04	8.13	5.96	81K
Analysis <sup>a</sup> .....	41.32	5.34	11.66	28.16	7.68	5.84	82K
Analysis <sup>a</sup> .....	42.26	5.20	11.40	26.83	8.14	6.17	83K
Analysis <sup>b 750</sup> .....	41.89	5.75	13.26	25.63	8.09	5.38	137K
Analysis.....	42.80	5.25	11.90	27.25	7.35	5.45	101S
Analysis <sup>751</sup> .....	42.85	5.64	11.10	28.04	6.77	5.60	114S
Analysis.....	42.87	5.82	10.91	28.43	6.33	5.64	157S
Analysis.....	45.48	6.15	9.99	26.14	6.53	5.71	230S
Sweetwater Baby Chick Starter.....	17.50	3.50	5.00	52.50	.....	.....	2278R
Analysis.....	17.49	5.25	5.28	53.69	10.48	7.81	209S
Sweetwater Laying Mash.....	18.50	3.50	8.00	48.00	.....	.....	2278V
Analysis.....	19.65	5.33	7.67	49.22	9.85	8.28	25S
Sweetwater Fatner Mash.....	16.00	3.70	5.00	55.00	.....	.....	2278A1
Analysis.....	17.12	4.29	4.19	59.83	9.10	5.47	442S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>747</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>748</sup>Excess cottonseed hulls found.<sup>749</sup>In pellet form. Soybean oil meal found, not claimed.<sup>750</sup>Excess cottonseed hulls found.<sup>751</sup>In pellet form.<sup>752</sup>Fish meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Sweetwater Cotton Oil Co. (Cont.),</b> Sweetwater, Texas.							
Milo Head Chop	8.50	2.50	8.00	65.00			2278A2
Analysis	11.36	2.20	6.66	63.52	9.51	6.75	21T
Sweetwater Supreme Brand Laying Mash Pellets	20.00	3.60	6.00	45.50			2278B4
Analysis	20.74	4.60	4.39	53.11	7.36	9.80	389S
Midland Special Cow Feed	17.80	3.30	19.00	43.00			2278B5
Analysis	18.13	3.35	11.42	49.54	10.02	7.54	215S
43% Protein Cottonseed Pellets	43.00	5.20	12.00	23.00			2278C1
Analysis	43.57	5.62	10.07	30.24	5.09	5.41	233S
Sweetwater Broiler Mash	18.00	4.00	6.50	49.00			2278C2
Analysis <sup>752</sup>	19.89	4.37	5.34	52.53	9.95	7.92	497S
Sweetwater 32% Protein Mash-Maker Concentrate	32.00	4.50	8.00	25.00			2278C3
Analysis <sup>753</sup>	30.54	6.69	8.49	31.09	7.72	15.47	79S
Analysis	34.64	5.34	6.43	30.30	7.26	16.03	390S
Club Boy 28% Protein Concentrate Pellets	28.00	3.80	13.00	25.50			2278C8
Analysis <sup>754</sup>	33.54	4.77	10.99	32.17	7.68	10.85	24S
Midland Special 38.50% Protein Supplement for Hogs	38.50	4.80	10.50	15.30			2278D5
Analysis <sup>755</sup>	41.41	5.09	13.00	20.67	6.86	12.97	139S
Sweetwater Cow Feed	10.30	1.60	33.50	40.00			2278D9
Analysis	10.78	2.16	27.11	51.34	4.70	3.91	439S
Sweetwater Range Pellets	20.00	3.30	8.00	49.00			2278E1
Analysis <sup>756</sup>	21.00	3.89	6.37	53.68	8.32	6.74	445S
<b>Swift &amp; Company,</b> Chicago, Illinois, and Branches.							
Swift's 60% Protein Digester Tankage	60.00	5.00	3.00	0.00			270A
Analysis	62.35	8.36	2.18	.79	8.60	17.72	91H
Analysis	63.11	6.99	2.07	1.16	8.74	17.93	67J
Analysis	63.58	7.34	1.97	.65	8.10	18.36	422S
Analysis <sup>c</sup>	57.65	7.46	2.47	2.04	7.23	23.15	227W
Swift's Chick Mash	18.50	3.50	6.50	47.50			270E
Analysis <sup>j</sup>	20.80	4.75	4.65	51.78	9.68	8.34	268H
Analysis <sup>a</sup>	19.69	4.15	6.80	52.67	8.97	7.62	438K
Analysis	20.77	3.77	4.89	52.33	9.19	9.05	159T
Swift's Winter Formula Egg Mash	20.00	3.50	7.50	44.00			270F
Analysis <sup>a</sup>	21.77	4.52	6.37	49.54	7.54	10.26	437K
Swift's 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			270I
Analysis <sup>c</sup>	46.29	11.25	1.80	.27	7.45	32.94	304H
Analysis <sup>c</sup>	46.32	11.07	1.35	.36	7.23	33.67	366H
Analysis	53.24	9.35	1.99	.78	5.13	29.51	325K
Analysis	51.59	8.79	1.56	.38	5.40	32.28	371S
Analysis	50.09	9.69	2.26	1.86	5.92	30.18	179T
Analysis <sup>c</sup>	49.13	9.97	2.48	.00	5.04	33.38	164W
Swift's 45% Protein Meat and Bone Scraps	45.00	6.00	3.00	0.00			270J
Analysis <sup>c</sup>	43.54	11.81	1.35	1.52	7.16	34.62	209H
Analysis	46.25	11.00	1.95	1.15	5.45	34.20	541S
Swift's 41% Protein Concentrate for Swine	41.00	4.50	7.50	23.00			270Z
Analysis	41.00	5.55	9.33	22.33	6.91	14.88	388J
Analysis	41.50	5.31	8.90	23.36	7.02	13.91	529K
Analysis	40.79	5.29	9.42	21.65	6.76	16.09	387S
Analysis	40.49	6.01	9.09	22.32	7.28	14.81	512T
Analysis	40.85	6.84	8.17	22.98	6.29	14.87	265W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>754</sup>Fish meal claimed, not found. Linseed meal and shrimp meal found, not claimed.<sup>755</sup>Deficient in ground limestone and salt.<sup>756</sup>Peanut meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Swift &amp; Company (Soy Bean Mill), Champaign, Illinois, and Branches.</b>							
Swift's 43% Protein Soybean Oil Meal.....	43.00	3.50	7.00	29.00	.....	.....	715C
Analysis <sup>1</sup> .....	44.29	4.03	5.62	30.27	9.94	5.85	151K
<b>Syntha-Milk Laboratories, Ingomar, Ohio.</b>							
Saytha-Mixer.....	35.00	5.00	5.00	27.00	.....	.....	2604A
Analysis <sup>766</sup> .....	40.97	4.48	5.84	29.66	9.12	9.93	198J
Analysis <sup>767a</sup> .....	37.53	4.43	6.68	30.91	10.12	10.33	3W
Syntha-Mixer.....	34.00	4.00	8.00	24.00	.....	.....	2604A
Analysis <sup>7708</sup> .....	34.22	4.26	5.75	38.02	7.31	10.44	425M
Analysis <sup>769</sup> .....	34.85	5.87	6.65	33.09	7.40	12.14	379S
Analysis <sup>760</sup> .....	42.40	6.40	7.12	25.79	8.29	10.00	251T
<b>Taft Cotton Oil Company, Taft, Texas.</b>							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1415C
Analysis.....	43.41	6.55	9.53	26.98	7.71	5.82	47H
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1415D
Analysis <sup>6c</sup> .....	41.81	5.71	11.23	26.31	9.04	5.90	6H
Analysis.....	42.60	6.34	9.46	27.86	8.17	5.57	48H
Analysis.....	43.59	6.86	8.59	27.27	7.82	5.87	85H
Analysis.....	43.98	6.74	9.14	26.74	7.81	5.59	102M
Analysis.....	43.01	6.76	9.99	27.64	6.78	5.82	242M
Analysis <sup>6c</sup> .....	42.37	6.86	9.72	28.12	7.18	5.75	21T
<b>Taylor Brokerage Company, San Angelo, Texas.</b>							
Taylor's Best Cow Feed.....	19.00	3.00	15.00	44.00	.....	.....	2347D
Analysis.....	19.00	3.19	11.64	49.71	8.41	8.05	557S
Dandy Brand Laying Mash.....	18.50	3.50	7.60	48.00	.....	.....	2347E
Analysis <sup>761</sup> .....	19.70	3.63	5.59	52.85	10.14	8.09	471S
Rainbow Sheep and Cattle Feed Pellets.....	16.00	3.00	8.50	53.00	.....	.....	2347N
Analysis.....	18.60	3.52	6.76	55.17	9.54	6.41	173S
Taylor's Money-Saver Brand Growing Mash.....	16.00	3.50	5.50	53.50	.....	.....	2347Q
Analysis.....	18.02	3.95	5.66	55.05	9.84	7.48	408S
Taylor's Money-Saver Brand Chick Starter.....	17.50	3.50	7.00	51.00	.....	.....	2347S
Analysis.....	17.88	3.57	5.00	56.53	9.89	7.13	305S
Taylor's Money-Saver Brand 33% Protein Supplement for Poultry.....	33.00	4.00	9.00	20.00	.....	.....	2347T
Analysis <sup>763</sup> .....	34.78	3.41	9.43	26.72	6.78	18.88	520S
<b>Taylor Grain Company, Van Alstyne, Texas.</b>							
Texana Brand Egg Mash with Buttermilk.....	19.00	3.60	7.00	47.00	.....	.....	104D
Analysis <sup>6c</sup> .....	21.43	3.75	5.06	47.63	12.29	9.84	68T
Taylor Made All-Purpose Poultry Mash.....	18.00	3.50	6.50	52.50	.....	.....	104A5
Analysis <sup>762</sup> .....	19.46	4.05	5.27	53.07	11.95	6.20	69T
Analysis.....	19.57	4.13	5.32	54.72	9.76	6.50	421J

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>759</sup>Fish meal claimed, not found. Shrimp meal found, not claimed.<sup>767</sup>Shrimp meal found, not claimed.<sup>768</sup>Shrimp meal claimed, not found. Calcium carbonate found, not claimed.<sup>769</sup>Crab meal and calcium carbonate found, not claimed.<sup>780</sup>Incorrectly printed obsolete tags attached. Calcium carbonate found, not claimed.<sup>781</sup>Soybean oil meal found, not claimed.<sup>782</sup>Deficient in oyster shell and salt.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Temple Feed &amp; Fuel Company,</b> Temple, Texas.							
Temco Laying Mash.....	20.00	3.50	7.00	47.20	.....	.....	2129E
Analysis.....	20.08	3.98	6.06	52.50	9.69	7.69	399H
Analysis.....	20.70	4.09	4.94	53.06	8.82	8.39	241W
Temco Sweet Dairy Feed.....	18.50	3.50	12.00	46.50	.....	.....	2129G
Analysis <sup>703</sup> .....	18.58	3.88	10.72	51.81	9.70	5.31	411M
Analysis <sup>704</sup> .....	16.40	3.83	10.60	53.20	10.10	5.87	201W
Temco Blue Ribbon Brand Sweet Cow Feed.....	10.00	1.80	14.00	54.00	.....	.....	2129R
Analysis <sup>704</sup> .....	9.49	1.71	21.35	45.56	10.66	11.23	37M
Analysis <sup>705</sup> .....	8.52	1.03	26.49	41.34	10.53	12.09	15W
Temco Kafir Meal.....	10.00	2.50	3.00	70.00	.....	.....	2129X
Analysis <sup>706</sup> .....	14.13	3.23	2.54	66.74	11.23	2.13	205H
Temco Blue Ribbon Brand 37.50% Protein Supplement for Pigs and Hogs.....	37.50	4.50	8.30	26.30	.....	.....	2129A2
Analysis.....	37.30	5.29	9.39	25.11	7.67	15.24	306M
Analysis <sup>707</sup> .....	34.95	4.54	8.72	29.15	7.93	14.71	104W
Temco Blue Ribbon Brand Pig and Hog Feed.....	14.70	3.00	5.30	43.60	.....	.....	2129A3
Analysis <sup>708</sup> .....	15.30	4.06	5.04	60.38	10.58	4.64	437M
<b>Terminal Grain Company,</b> Fort Worth, Texas.							
Corn Chop.....	9.00	3.50	3.00	70.00	.....	.....	960A
Analysis <sup>709</sup> .....	9.92	4.21	2.31	71.30	10.55	1.71	286T
Analysis <sup>709</sup> .....	10.25	4.18	2.65	71.07	10.29	1.56	296T
Crimped Whole Barley.....	11.00	1.50	6.00	65.00	.....	.....	960F
Analysis <sup>710</sup> .....	13.61	2.56	5.95	65.29	9.27	3.32	265T
Blue Tag Dairy Feed.....	18.40	4.00	9.70	49.00	.....	.....	960T
Analysis.....	19.59	3.40	9.33	50.01	10.97	6.70	175T
Analysis <sup>711</sup> .....	16.34	3.60	5.33	58.29	11.56	4.88	134W
Blue Tag Chick Starter with Butter-milk and Cod Liver Oil.....	14.50	3.50	4.20	58.50	.....	.....	960X
Analysis <sup>712</sup> .....	19.42	4.56	4.70	52.51	10.17	8.64	230T
Blue Tag Growing Mash with Cod Liver Oil.....	17.00	3.70	4.70	54.00	.....	.....	960Z
Analysis <sup>713</sup> .....	18.56	4.73	4.81	53.76	9.46	8.68	262T
Rodeo Sweet Feed.....	9.00	1.50	10.50	56.00	.....	.....	960B2
Analysis <sup>714</sup> .....	13.87	3.15	9.05	59.66	9.95	4.32	124T
Analysis <sup>715</sup> .....	16.16	2.05	9.97	53.20	11.17	7.45	367T
Analysis <sup>716</sup> .....	15.78	2.09	10.02	53.20	11.32	7.59	368T
Ground Wheat and Screenings.....	12.00	2.00	3.00	70.00	.....	.....	960F1
Analysis <sup>709</sup> .....	15.31	1.58	4.03	64.31	11.45	3.32	264T
Analysis <sup>709</sup> .....	14.93	1.69	4.20	62.51	10.66	6.01	266T
Analysis <sup>709</sup> .....	13.99	2.03	3.54	66.22	10.55	3.67	270T

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>703</sup>Soybean oil meal found, not claimed.<sup>704</sup>Rice hulls found, not claimed.<sup>705</sup>Rice hulls found, not claimed. Excess of ground limestone and salt found.<sup>706</sup>Ground wheat. Defaced tags attached.<sup>707</sup>Peanut meal found, not claimed.<sup>708</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>709</sup>Damaged by fire and water.<sup>710</sup>Corn meal, milo meal, kafir meal, and ground whole oats present.<sup>711</sup>Cottonseed meal claimed, not found.<sup>712</sup>Soybean oil meal found, not claimed.<sup>713</sup>Soybean oil meal and linseed meal found, not claimed.<sup>714</sup>Cottonseed meal claimed, not found. Peanut meal found, not claimed.<sup>715</sup>Deficient in ground limestone and salt.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Terminal Oil Mill Company,</b> Oklahoma City, Oklahoma.							
41% Protein Soybean Oil Cake.....	41.00	4.50	7.00	29.00	.....	.....	2087E
Analysis <sup>a770</sup> .....	44.75	5.19	4.60	30.29	5.77	9.40	467J
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....	2087F
Analysis <sup>a771</sup> .....	42.41	5.27	5.49	29.09	8.37	9.37	430K
<b>Terrell Milling Company,</b> Terrell, Texas.							
Red Diamond 5 Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	125G
Analysis <sup>778</sup> .....	22.02	4.36	6.12	45.31	10.61	11.58	107J
Red Diamond All-Purpose Laying Ration.....	15.00	3.50	6.50	54.00	.....	.....	125I
Analysis.....	16.63	3.03	5.28	55.19	11.74	8.13	211J
Bunko Brand Sweet Feed.....	10.20	2.00	27.70	44.00	.....	.....	125Y
Analysis.....	9.51	1.61	13.83	54.82	15.10	5.13	105J
Analysis <sup>779</sup> .....	10.30	2.16	22.65	44.65	11.48	8.76	315J
TMCO Mixed Feed.....	13.00	2.00	36.00	33.00	.....	.....	125B3
Analysis <sup>780</sup> .....	11.46	1.80	35.45	26.21	12.87	12.11	208J
36% Protein Supplement for Hogs.....	36.00	4.00	10.00	22.00	.....	.....	125B4
Analysis.....	35.39	4.09	9.84	27.08	7.82	15.78	161J
Analysis.....	33.49	3.92	9.17	30.23	7.82	15.37	264J
Red Diamond Hog Feed.....	14.80	3.00	6.00	64.00	.....	.....	125B5
Analysis <sup>781</sup> .....	15.93	3.45	4.94	58.38	11.49	5.81	106J
Analysis.....	15.13	3.39	5.07	59.41	10.84	6.16	53T
13% Protein Sweet Feed.....	13.00	2.00	42.80	26.50	.....	.....	125B6
Analysis <sup>782</sup> .....	10.79	1.28	31.02	31.52	11.34	14.05	188W
16% Protein Dairy Feed.....	16.00	3.00	12.80	48.00	.....	.....	125C2
Analysis.....	13.03	2.53	12.26	51.52	12.16	8.50	376J
<b>Texarkana Cotton Oil Corporation,</b> Texarkana, Arkansas-Texas.							
43% Protein Cottonseed Meal.....	43.00	5.00	12.00	23.00	.....	.....	1272D
Analysis.....	42.82	5.97	9.59	28.02	6.88	6.72	473J
Analysis.....	42.73	5.90	10.18	27.51	6.87	6.81	519J
Cottonseed Hulls and Cottonseed Meal.....	11.80	1.70	38.00	36.00	.....	.....	1272E
Analysis.....	12.34	1.92	34.74	37.02	10.86	3.12	152J
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....	1272K
Analysis.....	42.16	5.25	11.03	27.35	7.55	6.66	86J
Analysis.....	41.83	5.40	11.06	28.01	7.11	6.59	199J
Analysis <sup>783</sup> .....	40.84	5.48	13.41	26.92	6.73	6.62	249J
Analysis <sup>783</sup> .....	41.54	5.73	12.79	27.94	5.60	6.40	411J
Analysis.....	41.45	6.00	11.02	28.09	7.04	6.40	472J
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....	1272M
Analysis.....	43.85	5.65	6.08	30.21	8.29	5.92	345J
Analysis.....	45.91	5.42	5.24	29.78	7.07	6.58	410J
Analysis.....	45.62	4.88	6.10	28.41	8.18	6.81	470J
<b>Texas City Feed Store,</b> Texas City, Texas.							
Bolestor Dairy Feed.....	18.00	4.00	9.00	48.00	.....	.....	1357A
Analysis <sup>784</sup> .....	19.93	4.79	10.31	48.58	9.94	6.45	131M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>770</sup>Short in weight. Ground limestone present.<sup>771</sup>Ground limestone present.<sup>778</sup>Linseed meal, corn gluten feed, and milo meal found, not claimed.<sup>779</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>780</sup>Rice hulls and calcium carbonate found, not claimed.<sup>781</sup>Ground whole oats found, not claimed.<sup>782</sup>Rice hulls found, not claimed.<sup>783</sup>Excess of cottonseed hulls found.<sup>784</sup>Rice hulls found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Texas Farm Products Company,</b> Nacogdoches, Texas.							
Plow Boy Mule Ration.....	10.00	2.30	23.00	45.00	.....	.....	256C
Analysis <sup>788</sup> .....	14.99	2.52	16.02	49.05	9.22	8.20	338J
Lone Star Brand Dairy Feed.....	18.00	3.00	9.50	49.00	.....	.....	256E
Analysis <sup>789</sup> .....	18.80	4.58	11.65	48.37	9.72	6.88	257J
Jersey Cream Brand 16% Protein Dairy Ration.....	16.00	3.00	18.40	42.10	.....	.....	256R
Analysis.....	18.73	4.72	17.78	40.53	8.18	10.06	242J
Analysis <sup>787</sup> .....	16.70	2.48	8.42	56.10	10.12	6.18	485J
Lone Star Brand Growing Mash.....	17.50	3.50	8.50	48.00	.....	.....	256S
Analysis <sup>788</sup> .....	19.19	3.00	4.67	57.04	9.73	6.37	515M
East Texas 24% Protein Dairy Feed.....	24.00	3.50	9.50	42.20	.....	.....	256X
Analysis <sup>789</sup> .....	22.79	5.05	8.15	46.42	10.62	6.97	193J
Analysis <sup>790</sup> .....	25.95	5.17	6.63	46.52	9.97	5.76	340J
Rice Hulls, Milo Meal, Rice Bran, Crimped Whole Oats, and Corn Chop.....	5.30	1.60	26.00	41.50	.....	.....	256A2
Analysis.....	7.22	1.36	18.71	49.27	12.57	10.87	514M
11% Protein Sweet Mixed Feed.....	11.00	1.50	30.00	37.00	.....	.....	256A4
Analysis.....	10.79	1.77	29.14	35.48	10.73	12.09	189J
Piney Woods Mixed Feed.....	11.80	6.50	10.20	48.90	.....	.....	256B3
Analysis <sup>791</sup> .....	14.67	8.43	7.07	49.82	9.75	10.26	80J
<b>Texas Milk Products Company,</b> Marshall, Texas, and Branches.							
Dried Skimmed Milk.....	34.00	0.20	0.00	50.00	.....	.....	1581A
Analysis <sup>a</sup> .....	34.40	.55	.16	51.95	5.16	7.78	440J
<b>Texas Mill &amp; Elevator Company,</b> Abilene, Texas.							
Abtex Super-Layer Brand Egg Mash with Cod Liver Oil.....	18.00	3.60	7.00	44.50	.....	.....	980O
Analysis <sup>a</sup> .....	19.95	5.16	6.08	51.31	9.80	7.70	63S
Abtex Super-Layer Brand Egg Mash.....	18.00	3.80	7.50	49.30	.....	.....	980O
Analysis.....	18.92	4.22	4.48	56.69	10.10	5.59	380S
Abtex All-Mash Starter and Grower.....	16.50	3.60	6.70	53.00	.....	.....	980R
Analysis.....	17.99	4.03	5.58	56.60	10.47	5.33	323S
Abtex Special Growing Mash with Cod Liver Oil.....	16.50	3.60	7.00	52.00	.....	.....	980Y
Analysis <sup>792a</sup> .....	17.30	3.68	5.09	59.57	10.07	4.29	427S
Abtex Butter and Milk Brand Cow Feed.....	24.00	3.50	11.00	42.00	.....	.....	980A5
Analysis <sup>793</sup> .....	23.31	3.79	10.67	43.10	11.38	7.75	7S
Good Value Brand Feed.....	16.00	3.00	8.00	50.00	.....	.....	980C8
Analysis.....	14.97	2.78	8.15	52.97	13.54	7.59	206S
All-Weather Brand Egg Laying Mash.....	18.50	3.50	7.50	48.70	.....	.....	980D9
Analysis.....	19.60	4.50	6.24	49.77	11.13	8.76	180S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>788</sup>Soybean oil meal found, not claimed. Deficient in cottonseed meal.<sup>789</sup>Soybean oil meal, peanut meal, and rice bran found, not claimed.<sup>790</sup>Alfalfa meal claimed, not found. Deficient in rice bran.<sup>791</sup>Deficient in oyster shell.<sup>792</sup>Corn gluten feed claimed, not found. Rice bran and milo meal found, not claimed.<sup>793</sup>Rice bran, milo meal, and kafir meal found, not claimed.<sup>794</sup>Excess of precipitated calcium carbonate found.<sup>795</sup>Soybean oil meal found, not claimed.<sup>796</sup>Linseed meal claimed, not found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Texas Milling Company,</b> Clifton, Texas.							
Pay-Day Brand 5 Egg Mash.....	19.00	3.50	7.50	46.00	.....	.....	1917T
Analysis <sup>794</sup> .....	18.38	3.50	6.15	55.54	10.22	6.21	94J
Pay-Day Brand Dairy Feed.....	18.00	3.20	13.00	45.50	.....	.....	1917V
Analysis <sup>795</sup> .....	19.85	4.00	15.02	44.95	9.95	6.23	361M
Flock Favorite Brand Egg Mash.....	18.50	3.50	7.50	50.50	.....	.....	1917Z
Analysis <sup>796</sup> .....	19.66	3.68	6.49	52.99	10.40	6.78	77S
Analysis <sup>797</sup> .....	18.07	3.46	6.26	54.46	10.85	6.90	66W
Analysis <sup>798</sup> .....	19.00	3.70	5.60	54.56	10.14	7.00	168W
<b>Texas Star Flour Mills,</b> Galveston, Texas.							
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	146J
Analysis.....	11.16	8.95	5.32	61.31	10.01	3.25	429M
All-Star Brand Laying Mash.....	19.00	3.60	8.00	45.00	.....	.....	146A5
Analysis <sup>799</sup> .....	19.55	3.20	6.98	51.54	10.22	8.51	169H
All-Star Brand Growing Mash.....	17.00	4.00	6.00	48.00	.....	.....	146A8
Analysis <sup>800</sup> .....	18.49	3.24	7.47	51.81	10.70	8.29	168H
<b>Thomas, F. B.,</b> Clarendon, Texas.							
Thomas' Home-Product Dairy Feed.....	17.50	3.00	11.20	46.50	.....	.....	2631H
Analysis <sup>800</sup> .....	19.08	3.48	8.81	51.46	10.10	7.07	156K
<b>Thornton's Feed Mill,</b> Cisco, Texas.							
Thornton's Dairy Cow Feed.....	21.00	4.10	10.00	48.00	.....	.....	2249I
Analysis.....	21.29	4.09	9.32	49.59	10.58	5.13	486S
Thornton's Special Laying Mash.....	20.00	3.50	8.00	45.60	.....	.....	2249R
Analysis.....	20.94	4.17	6.30	50.38	9.31	8.90	193S
Big T Sweet Feed.....	12.00	2.50	26.50	37.00	.....	.....	2249S
Analysis <sup>801</sup> .....	13.56	2.87	11.14	54.54	11.78	6.11	9S
Milo Meal.....	10.00	2.50	3.00	70.00	.....	.....	2249T
Analysis.....	11.26	2.95	1.51	69.40	11.85	3.03	71S
Thornton's Baby Chick Starter.....	17.00	3.50	6.50	50.00	.....	.....	2249W
Analysis.....	17.88	4.73	5.12	54.27	10.42	7.58	321S
Thornton's 16% Protein Dairy Feed.....	16.00	3.50	12.30	48.00	.....	.....	2249X
Analysis <sup>802</sup> .....	16.39	2.38	9.56	54.75	10.62	6.30	538S
Thornton's Best Turkey Starter.....	24.00	4.00	7.00	42.50	.....	.....	2249A4
Analysis.....	24.62	4.08	7.35	45.85	8.83	9.27	428S
<b>Tidwell Fuel &amp; Feed Company,</b> El Paso, Texas.							
Success Brand Growing Mash.....	16.00	3.50	6.50	52.00	.....	.....	662D
Analysis.....	18.54	4.42	7.25	52.71	9.50	7.58	347S
Tidwell's Success Brand Chick Starter.....	19.60	3.60	7.00	49.50	.....	.....	662F
Analysis <sup>803</sup> .....	20.44	4.90	5.48	49.64	10.67	8.87	288S
Tidwell's Success Brand Laying Mash.....	20.50	3.70	8.00	43.50	.....	.....	662J
Analysis <sup>803</sup> .....	21.50	5.27	9.25	45.67	8.96	9.35	92S
Tidwell's Egg-Producer Brand Laying Mash.....	20.00	3.70	8.00	46.00	.....	.....	662K
Analysis.....	21.38	4.90	7.47	49.36	10.24	6.65	222S

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>794</sup>Peanut meal found, not claimed.<sup>795</sup>Peanut meal found, not claimed. Cottonseed meal claimed, not found.<sup>796</sup>Deficient in oyster shell.<sup>797</sup>Alfalfa meal found, not claimed.<sup>798</sup>Soybean oil meal found, not claimed.<sup>799</sup>Corn gluten feed found, not claimed.<sup>800</sup>Deficient in ground limestone.<sup>801</sup>Peanut meal and peanut hulls claimed, not found. Corn gluten feed, alfalfa leaf meal, ground whole oats, and milo head stems found, not claimed. Deficient in oyster shell and salt.<sup>802</sup>Deficient in oyster shell and salt.<sup>803</sup>Excess of salt found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Tidwell Fuel &amp; Feed Company (Cont.),</b> El Paso, Texas.							
Dried Buttermilk (Feeding).....	30.00	5.00	1.00	39.00	-----	-----	662P
Analysis.....	33.00	7.21	.11	<b>38.92</b>	<b>8.98</b>	<b>11.78</b>	88S
More-Milk Brand Dairy Feed with Molasses.....	17.00	4.50	8.50	50.00	-----	-----	662T
Analysis <sup>a</sup> .....	17.65	4.96	7.68	53.40	<b>9.58</b>	<b>6.73</b>	36S
Tidco Dairy Feed.....	17.50	3.50	8.00	46.30	-----	-----	662E1
Analysis.....	19.37	4.09	7.10	<b>53.85</b>	<b>7.13</b>	<b>8.46</b>	453S
Tidwell's Success Brand 36% Protein Sweet Feed.....	36.00	3.00	6.00	28.00	-----	-----	662E2
Analysis.....	36.42	5.01	5.85	<b>35.66</b>	<b>5.63</b>	<b>11.43</b>	454S
<b>Tobian &amp; Company, Louis,</b> Dallas, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	-----	-----	955A
Analysis.....	44.19	5.44	9.41	26.67	<b>7.65</b>	<b>6.64</b>	202J
Analysis <sup>a</sup> .....	41.25	5.56	11.04	27.25	<b>8.26</b>	<b>6.64</b>	231M
Analysis.....	42.50	6.37	8.56	29.12	<b>7.08</b>	<b>6.37</b>	368M
Analysis.....	43.53	6.39	9.11	27.74	<b>6.64</b>	<b>6.59</b>	419M
Analysis.....	42.71	5.95	8.96	29.37	<b>6.47</b>	<b>6.54</b>	103T
Analysis <sup>a</sup> .....	42.33	6.67	9.54	27.67	<b>7.41</b>	<b>6.38</b>	293T
Analysis.....	42.62	5.94	9.96	28.40	<b>6.28</b>	<b>6.80</b>	337T
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	-----	-----	955K
Analysis.....	41.63	5.83	8.97	29.46	<b>7.56</b>	<b>6.55</b>	36J
Analysis.....	41.12	7.91	8.86	27.90	<b>7.73</b>	<b>6.48</b>	26M
Analysis <sup>b04</sup> .....	41.34	6.65	10.77	27.16	<b>8.06</b>	<b>6.02</b>	50M
Analysis.....	41.04	6.50	11.33	26.30	<b>8.45</b>	<b>6.38</b>	51M
Analysis <sup>b0</sup> .....	38.12	6.41	11.25	29.90	<b>7.94</b>	<b>6.38</b>	52M
Analysis.....	41.23	6.02	11.60	26.77	<b>8.74</b>	<b>5.64</b>	132M
Analysis <sup>b0</sup> .....	39.77	6.26	11.86	27.35	<b>8.38</b>	<b>6.38</b>	177M
Analysis.....	42.69	5.84	10.28	27.41	<b>7.28</b>	<b>6.50</b>	275M
Analysis.....	43.10	5.48	10.74	27.01	<b>6.69</b>	<b>6.98</b>	281M
Analysis <sup>a</sup> .....	40.36	6.28	12.34	25.16	<b>9.54</b>	<b>6.32</b>	326M
Analysis.....	40.91	5.31	11.97	28.39	<b>7.02</b>	<b>6.40</b>	203T
Analysis.....	40.90	5.44	11.54	28.21	<b>7.12</b>	<b>6.79</b>	163W
<b>Tornillo Cotton Oil Company,</b> Tornillo, Texas.							
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	-----	-----	1852A
Analysis.....	28.32	<b>5.48</b>	19.84	36.58	<b>4.97</b>	<b>4.81</b>	96S
Analysis.....	28.52	<b>5.62</b>	21.78	34.86	<b>4.56</b>	<b>4.66</b>	149S
Analysis.....	<b>27.90</b>	<b>5.79</b>	<b>23.99</b>	33.34	<b>4.23</b>	<b>4.75</b>	152S
28% Protein Whole-Pressed Cottonseed Cubes.....	28.00	6.00	23.00	29.00	-----	-----	1852C
Analysis.....	29.77	<b>5.65</b>	20.63	33.87	<b>5.12</b>	<b>4.96</b>	97S
Analysis.....	29.83	<b>5.43</b>	22.31	32.87	<b>4.71</b>	<b>4.85</b>	228S
<b>Traders Oil Mill Company,</b> Fort Worth, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	-----	-----	2610D
Analysis <sup>a</sup> .....	<b>39.24</b>	5.97	11.69	29.47	<b>7.63</b>	<b>6.00</b>	29T
Analysis <sup>a806</sup> .....	45.19	6.20	8.85	25.56	<b>7.52</b>	<b>6.68</b>	194T
Analysis.....	<b>42.74</b>	5.56	<b>12.74</b>	27.99	<b>5.39</b>	<b>5.58</b>	302T
Analysis.....	43.97	7.42	9.22	27.43	<b>5.64</b>	<b>6.32</b>	43W
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	-----	-----	2610H
Analysis.....	46.00	6.53	13.85	<b>21.20</b>	<b>7.10</b>	<b>5.32</b>	35T
Analysis.....	46.10	8.25	9.87	24.25	<b>6.08</b>	<b>5.45</b>	232T
43% Protein Peanut Pellets.....	43.00	6.00	12.00	23.00	-----	-----	2610M
Analysis <sup>b806</sup> .....	45.29	7.06	<b>14.66</b>	<b>21.04</b>	<b>5.94</b>	<b>6.01</b>	19T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>804</sup>Off quality.<sup>805</sup>Soybean oil meal and peanut meal present.<sup>806</sup>Peanut meal. Defaced tags attached.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Transit Grain &amp; Commission Company, Fort Worth, Texas.</b>							
Transit's 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	-----	-----	1839O
Analysis <sup>c</sup> .....	46.86	11.77	2.92	6.85	5.87	25.73	115T
Analysis <sup>a</sup> .....	51.67	8.77	1.52	.87	5.73	31.44	141T
Analysis <sup>c</sup> .....	45.25	10.25	2.36	2.59	4.95	34.60	307T
41% Protein Soybean Oil Meal.....	41.00	4.00	7.00	29.00	-----	-----	1839C7
Analysis <sup>k</sup> .....	45.92	4.83	6.14	26.57	10.30	6.24	262H
<b>V-P-M 34% Protein Controller Concentrate.....</b>	34.00	3.50	9.00	31.00	-----	-----	1839D3
Analysis <sup>807</sup> .....	34.04	4.07	12.12	32.34	9.70	7.73	96T
Analysis <sup>a</sup> .....	35.84	5.24	10.81	31.72	7.24	9.15	108T
Analysis <sup>807</sup> .....	34.20	4.28	11.21	33.19	9.25	7.87	17S
Analysis <sup>808</sup> .....	36.85	5.62	10.95	30.16	7.75	8.67	185S
Analysis <sup>809</sup> .....	35.09	5.98	12.05	29.92	7.66	9.30	248S
Analysis <sup>807e</sup> .....	33.67	4.34	10.91	33.44	9.71	7.93	7W
<b>V-P-M 34% Protein Controller Concentrate.....</b>	34.00	3.50	10.00	30.00	-----	-----	1839D3
Analysis.....	34.14	5.02	10.97	32.25	8.11	9.51	428H
Analysis <sup>810</sup> .....	34.34	5.04	11.94	32.24	7.19	9.25	389J
Analysis <sup>81b</sup> .....	36.60	4.25	9.44	30.60	8.74	10.37	367K
Analysis <sup>810</sup> .....	34.40	5.79	10.75	32.02	7.23	9.81	416K
Analysis <sup>a</sup> .....	35.31	4.76	11.00	31.65	6.86	10.42	397S
Analysis <sup>810</sup> .....	33.54	4.52	10.58	33.29	7.79	10.28	488S
Analysis <sup>811e</sup> .....	34.78	4.60	11.12	31.38	7.50	10.62	178T
<b>Tremaine Alfalfa Milling Company, Mesa, Arizona.</b>							
Tremaine Brand Alfalfa Meal.....	16.00	1.50	25.00	40.00	-----	-----	1018A
Analysis <sup>81b</sup> .....	13.63	1.43	30.88	36.40	8.76	8.90	92T
<b>Trinity Cotton Oil Company, Dallas, Texas.</b>							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	120F
Analysis.....	42.88	6.56	10.96	26.72	7.14	5.74	78T
Analysis.....	42.99	6.92	9.10	26.63	7.95	6.41	220T
Analysis.....	42.91	5.93	10.72	25.21	9.65	5.58	82W
<b>Tyler Feed &amp; Seed Company, Tyler, Texas.</b>							
Smith County Special Laying Mash.....	20.00	3.70	7.50	44.00	-----	-----	121B
Analysis <sup>812</sup> .....	20.22	2.98	5.60	53.87	11.13	6.20	183J
Smith County Special Laying Mash Pellets.....	20.00	3.70	7.50	44.00	-----	-----	121D
Analysis <sup>813</sup> .....	24.42	3.92	8.08	46.19	9.14	8.25	434J
Smith County Special Growing Mash.....	16.50	3.50	7.00	48.30	-----	-----	121E
Analysis <sup>814</sup> .....	15.83	3.04	4.78	59.30	10.93	6.12	124J
Smith County Special 24% Protein Dairy Feed.....	24.00	4.00	11.00	41.50	-----	-----	121F
Analysis.....	23.86	5.24	9.52	42.96	8.93	9.49	221J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>807</sup>Fish meal claimed, not found. Shrimp meal found, not claimed.<sup>808</sup>Shrimp meal and corn gluten feed found, not claimed. Deficient in blood meal and fish meal.<sup>809</sup>Shrimp meal found, not claimed. Deficient in blood meal.<sup>810</sup>Calcium carbonate found, not claimed.<sup>811</sup>Calcium carbonate and mono-calcium phosphate found, not claimed.<sup>812</sup>Deficient in ground limestone. Excess of salt found.<sup>813</sup>Deficient in meat and bone scraps.<sup>814</sup>Milo meal found, not claimed. Deficient in ground limestone.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Union Feed Company,</b> San Antonio, Texas.							
Little Boy Blue Laying Mash	20.00	3.70	7.00	45.00			1642A
Analysis <sup>a</sup>	20.48	4.02	4.95	50.74	11.07	8.74	143H
Little Boy Blue Laying Mash	20.00	4.00	6.80	46.60			1642A
Analysis <sup>b15</sup>	20.10	3.91	4.12	56.75	9.79	5.33	411H
Analysis	18.10	4.03	3.57	58.27	9.42	6.61	485H
Little Boy Blue All-Mash Brooder Mash	16.50	3.80	7.00	51.00			1642F
Analysis	17.34	4.46	4.56	56.30	11.19	6.15	237H
Analysis <sup>b16</sup>	16.99	4.34	4.18	57.54	10.04	6.91	105W
Little Boy Blue Growing Mash	15.50	3.50	5.50	52.00			1642V
Analysis <sup>b15</sup>	20.26	2.94	4.30	58.20	9.41	4.89	458H
Rancho Grande Laying Mash	20.00	3.50	7.80	48.50			1642A8
Analysis	18.50	4.94	3.90	54.05	9.99	8.62	357H
Little Boy Blue 36% Protein Concentrate for Pigs and Hogs	36.00	4.50	9.00	26.30			1642B4
Analysis <sup>b17</sup>	28.69	5.61	4.84	43.54	8.14	9.18	378H
Little Boy Blue Sow and Pig Feed	17.00	4.00	8.00	36.00			1642B6
Analysis <sup>b18</sup>	20.08	3.17	4.00	58.32	9.96	4.47	200W
Rancho Grande Growing Mash	16.00	3.00	7.80	51.50			1642D8
Analysis <sup>b15</sup>	24.00	3.12	4.84	53.35	9.31	5.38	459H
Little Bo-Peep Laying Mash	18.00	3.50	7.00	52.70			1642F5
Analysis	17.63	4.08	4.20	56.98	10.57	6.54	336H
Analysis <sup>b19</sup>	21.40	3.08	4.63	55.38	10.46	5.05	426H
Little Bo-Peep 32% Protein Concentrate for Poultry	32.00	6.00	8.00	25.00			1642H5
Analysis <sup>b20</sup>	32.20	5.58	5.59	39.09	9.31	8.23	377H
<b>Union Oil Mill, Inc., The,</b> West Monroe, Louisiana.							
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			1639C
Analysis	41.09	5.43	12.12	27.37	7.30	6.69	142J
Union 41% Protein Cottonseed Meal							
Analysis <sup>c1821</sup>	41.71	5.71	11.13	27.95	7.19	6.31	127W
<b>Union Oil Mills,</b> Hubbard, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00			343G
Analysis	43.65	6.10	10.48	26.08	8.13	5.56	31W
<b>Universal Mills,</b> Fort Worth, Texas.							
The Whip Horse and Mule Feed	9.50	2.70	13.50	58.00			2635I
Analysis <sup>b22</sup>	10.10	2.95	14.97	58.01	10.37	3.60	66M
Red Chain 24% Protein Dairy Feed	24.00	3.80	9.50	41.50			2635N
Analysis <sup>b23</sup>	24.03	3.62	10.26	43.05	11.47	7.57	83T
Red Chain Egg Mash	19.00	3.50	7.50	48.00			2635Q
Analysis <sup>c</sup>	23.00	3.67	7.29	48.10	11.15	6.79	84T
Red Chain Egg Mash	20.00	3.50	7.50	48.00			2635Q
Analysis <sup>d</sup>	21.38	3.65	6.55	50.91	9.84	7.67	163K
Analysis	20.77	3.66	5.73	52.68	10.36	6.80	334M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>b15</sup>Fish meal claimed, not found.<sup>b16</sup>Soybean oil meal found, not claimed.<sup>b17</sup>Fish meal and linseed meal claimed, not found.<sup>b18</sup>Rice bran claimed, not found.<sup>b19</sup>Deficient in ground limestone and salt.<sup>b20</sup>Linseed meal, pecan meal, and rice bran claimed, not found. Cottonseed meal found, not claimed.<sup>b21</sup>Used in manufacture of mixed feed.<sup>b22</sup>Soybean oil meal claimed, not found.<sup>b23</sup>Deficient in oyster shell.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Universal Mills (Continued), Fort Worth, Texas.</b>							
Red Chain Alcomo Horse and Mule Feed.....	10.00	3.40	8.00	60.00	-----	-----	2635T
Analysis.....	10.75	4.08	7.57	64.31	10.23	3.06	581K
Analysis.....	10.89	3.56	5.50	65.11	12.38	2.56	356M
Blue Chain Lay Mash Nuggets.....	19.00	3.50	8.00	46.00	-----	-----	2635W
Analysis <sup>824</sup> .....	19.07	3.71	4.10	56.47	10.29	6.36	51W
Red Chain Growing Mash.....	16.00	3.50	7.50	49.00	-----	-----	2635A5
Analysis.....	17.31	3.75	4.63	57.40	9.40	7.51	224H
Analysis.....	16.70	3.64	4.97	58.83	10.01	5.85	341K
Red Chain Pig Starter.....	24.00	4.00	5.50	44.00	-----	-----	2635B2
Analysis.....	26.04	3.86	4.24	47.50	10.47	7.89	189K
Red Chain Chick Starter.....	18.00	4.00	6.00	52.00	-----	-----	2635B3
Analysis.....	18.73	3.92	4.30	54.50	10.81	7.74	223H
Analysis.....	18.58	3.90	5.85	52.53	11.81	7.33	293K
Analysis <sup>825</sup> .....	17.55	4.33	5.03	56.30	9.68	7.11	511K
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	-----	-----	2635C5
Analysis <sup>826</sup> .....	16.83	4.02	5.42	57.39	12.82	3.52	216J
Analysis.....	16.96	3.90	4.19	60.44	10.95	3.56	72K
Analysis.....	16.40	3.70	5.84	57.82	12.05	4.19	12T
Wheat Bran and Screenings.....	15.50	3.00	10.00	50.00	-----	-----	2635C9
Analysis.....	15.98	4.54	10.19	51.16	11.61	6.52	204M
Analysis.....	17.34	4.62	9.99	52.38	9.02	6.65	106T
Red Chain Turkey Starter.....	24.00	4.00	7.00	45.00	-----	-----	2635D2
Analysis <sup>827</sup> .....	26.13	4.52	6.11	47.03	10.61	5.60	253T
Analysis.....	26.47	4.73	5.88	45.90	9.55	7.47	183W
Universal Brand Laying Mash.....	19.00	3.50	7.50	47.00	-----	-----	2635F4
Analysis.....	19.82	3.37	5.43	53.98	10.24	7.16	279K
Analysis.....	19.00	3.11	4.43	57.96	9.96	5.54	300M
Red Chain Wa-Mo Brand 40% Protein Supplement for Hogs.....	40.00	4.00	6.50	25.00	-----	-----	2635F5
Analysis.....	42.75	3.55	5.79	29.42	8.30	10.19	56J
Analysis.....	43.77	5.23	5.70	25.88	8.46	10.96	271K
Analysis.....	41.23	3.63	6.09	29.08	8.91	11.06	52W
Red Chain All-Mash Chick Starter.....	18.00	3.60	6.50	49.00	-----	-----	2635G6
Analysis.....	19.00	4.04	5.63	54.36	10.15	6.82	375S
Red Chain Fine-Finish Brand Fattener.....	13.00	4.00	5.30	61.00	-----	-----	2635G7
Analysis <sup>828</sup> .....	14.79	3.57	7.09	60.06	9.83	4.66	497K
Red Chain 18% Protein Dairy Feed.....	18.00	3.50	11.00	47.00	-----	-----	2635G8
Analysis.....	19.43	3.27	9.40	49.38	10.71	7.81	269H
Analysis.....	19.91	3.85	9.49	48.41	10.28	8.06	315H
Analysis.....	20.67	3.08	8.22	51.14	10.85	6.04	169K
Analysis.....	20.30	4.46	8.61	47.67	10.60	8.36	57W
16% Protein Special Dairy Feed.....	16.00	3.60	11.00	49.00	-----	-----	2635H2
Analysis <sup>829</sup> .....	16.89	3.15	7.19	53.65	10.31	8.81	336K

a, b, c, d, e, f, g, b, i, j, k—See legend at the beginning of this table.

<sup>824</sup>Excess of salt found.<sup>825</sup>Meat and bone scraps claimed, not found.<sup>826</sup>Corn meal present.<sup>827</sup>Deficient in oyster shell and salt.<sup>828</sup>Soybean oil meal found, not claimed. Linseed meal claimed, not found.<sup>829</sup>Excess of salt found.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Universal Mills (Continued),</b> Fort Worth, Texas.							
Blue Chain 18% Protein Dairy Feed.....	18.00	4.20	11.50	51.00	-----	-----	2635I8
Analysis <sup>s30</sup> .....	21.44	2.75	7.34	51.18	9.59	7.70	13J
Analysis.....	19.69	3.51	8.21	50.75	9.86	7.98	578K
Analysis <sup>s30</sup> .....	19.30	3.02	6.73	54.22	11.13	5.60	229M
Analysis.....	19.39	3.86	8.42	50.91	10.18	7.24	92W
Red Chain Milk Goat Feed.....	18.00	3.50	10.00	46.00	-----	-----	2635J4
Analysis <sup>s31</sup> .....	18.00	4.68	8.64	53.29	10.39	5.00	438J
Blue Chain Lay Mash.....	19.00	3.50	8.00	46.00	-----	-----	2635J9
Analysis.....	21.16	2.82	4.56	53.44	11.22	6.80	83J
Analysis.....	19.70	2.74	4.95	55.49	9.96	7.16	63K
Analysis.....	18.86	2.99	4.26	57.47	12.00	4.42	203M
Analysis.....	21.30	2.99	4.68	52.41	11.31	7.31	128T
Analysis <sup>a</sup> .....	18.86	2.82	5.29	56.99	11.37	4.67	29W
Blue Chain Lay Mash.....	18.00	3.50	8.00	46.00	-----	-----	2635J9
Analysis.....	17.50	2.72	4.41	58.75	11.25	5.37	270H
Analysis.....	17.79	3.75	5.08	57.86	8.81	6.71	335H
Analysis.....	18.12	2.76	4.11	56.09	10.76	8.16	360J
Analysis.....	17.32	3.12	4.51	58.66	11.30	5.09	93W
Analysis.....	19.75	3.02	5.37	54.89	9.85	7.12	169W
Red Chain Broiler Mash.....	19.00	3.50	7.00	48.50	-----	-----	2635K2
Analysis.....	19.83	3.82	4.92	55.30	10.32	5.81	355M
Red Chain Hog Feed.....	15.00	3.50	5.50	56.70	-----	-----	2635N4
Analysis.....	15.49	3.65	3.33	60.08	11.24	6.21	182T
Analysis.....	14.50	3.72	4.14	62.10	9.71	5.83	154W
Analysis.....	16.78	4.19	4.71	59.95	9.44	4.93	242W
<b>Van Alstyne Cotton Oil Mill,</b> Van Alstyne, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	-----	-----	428G
Analysis.....	42.91	6.35	10.34	26.08	8.68	5.64	477J
Analysis.....	43.09	7.05	9.64	26.19	8.27	5.76	503J
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	25.00	-----	-----	428H
Analysis.....	43.35	6.65	9.46	25.99	8.74	5.81	59T
<b>Vandover's Feed Store,</b> Pampa, Texas.							
Royal Brand All-Mash Starter and Grower.....	16.50	3.50	7.00	51.00	-----	-----	689P
Analysis <sup>s32</sup> .....	17.57	3.51	5.81	54.74	10.45	7.92	255K
Vandover's 16% Protein Dairy Feed.....	16.00	3.00	12.00	39.00	-----	-----	689A3
Analysis <sup>s33</sup> .....	16.65	3.10	6.93	55.79	10.76	6.77	375K
Royal Brand 18% Protein Dairy Feed.....	18.00	3.00	7.00	48.50	-----	-----	689A8
Analysis <sup>s34</sup> .....	17.40	3.52	6.92	53.66	10.58	7.92	40K
<b>Vega Feed Store,</b> Vega, Texas.							
Whole Barley Chop.....	11.00	1.50	6.00	65.00	-----	-----	1916A
Analysis <sup>s35</sup> .....	11.59	2.05	5.77	67.61	9.69	3.29	408K
<b>Venable Feed and Supply Company,</b> Tyler, Texas.							
Venable's Certified Brand Laying Mash.....	20.00	3.70	7.50	44.00	-----	-----	390M
Analysis <sup>s36</sup> .....	21.71	2.62	5.81	51.63	10.43	7.80	73J
Venable's Certified Brand Laying Mash Pellets.....	20.00	3.70	7.50	44.00	-----	-----	390T
Analysis <sup>s37</sup> .....	23.62	3.21	8.14	46.55	9.74	8.74	123J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>s30</sup>Deficient in oyster shell.<sup>s31</sup>Deficient in oyster shell and salt.<sup>s32</sup>Fish meal claimed, not found.<sup>s33</sup>Wrong tags attached.<sup>s34</sup>Ground whole oats found, not claimed.<sup>s35</sup>Wheat and oat hulls present. Net weights not legal.<sup>s36</sup>Corn gluten feed, milo meal, and ground whole barley found, not claimed.<sup>s37</sup>Soybean oil meal, corn gluten feed, ground whole barley, and milo meal found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Vernon Cotton Oil Company,</b> <b>Vernon, Texas.</b>							
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	-----	-----	593C
Analysis <sup>a,b</sup> .....	41.62	5.80	10.49	28.02	8.19	5.88	211K
Analysis.....	42.52	6.03	9.17	28.41	7.92	5.95	240K
43% Protein Coarsely Ground Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	593E
Analysis <sup>a</sup> .....	41.79	6.23	10.61	28.81	6.55	6.01	364K
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	593H
Analysis.....	42.96	6.94	10.36	26.45	7.14	6.15	144K
Analysis.....	42.77	6.13	11.01	27.26	6.97	5.86	146K
Analysis <sup>a</sup> .....	42.33	6.12	10.71	27.62	7.32	5.90	42T
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	-----	-----	593O
Analysis.....	41.72	6.82	10.90	27.36	7.11	6.09	210K
Analysis.....	41.60	6.51	11.33	26.76	7.89	5.91	213K
<b>Waco Cotton Oil Mill,</b> <b>Waco, Texas.</b>							
Cotton Bloom Brand 18% Protein Dairy Feed.....	18.00	3.50	10.50	48.00	-----	-----	464C
Analysis <sup>838</sup> .....	21.91	3.57	9.55	47.55	10.99	6.43	75W
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	464F
Analysis.....	40.67	8.54	10.02	27.83	7.70	5.24	30W
Analysis.....	45.07	5.35	9.92	25.88	7.85	5.93	55W
Analysis.....	45.52	5.58	9.60	26.27	7.20	5.83	56W
Analysis.....	44.16	5.07	10.41	26.58	8.01	5.77	73W
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	47.00	-----	-----	464K
Analysis.....	20.54	4.61	4.64	52.67	9.14	8.40	153W
Cotton Bloom Brand Laying Mash.....	18.00	4.50	7.50	51.00	-----	-----	464M
Analysis.....	17.07	4.93	4.59	56.58	9.31	7.52	144W
Panther Brand Laying Mash.....	18.00	4.00	6.50	56.00	-----	-----	464P
Analysis <sup>839</sup> .....	17.85	4.03	5.81	54.11	10.68	7.52	6W
41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	-----	-----	464B8
Analysis <sup>a</sup> .....	45.07	5.15	5.77	29.08	8.46	6.47	469H
<b>Waggoner-Gates Milling Company,</b> <b>Independence, Kansas.</b>							
Wheat Mixed Feed.....	15.00	3.50	8.50	52.00	-----	-----	94B
Analysis.....	16.39	3.51	7.47	55.43	12.01	5.19	358J
<b>Waldo Alfalfa Milling Co., Inc.,</b> <b>Bryan, Texas.</b>							
Waldo Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	-----	-----	142B
Analysis.....	18.20	3.22	21.54	41.08	4.46	11.50	537S
<b>Waldo Alfalfa Milling Co., Inc.,</b> <b>El Reno, Oklahoma.</b>							
Waldo Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	-----	-----	2689D
Analysis <sup>a,b40</sup> .....	13.10	1.86	28.20	42.03	7.56	7.25	5A
Waldo Medium Ground Alfalfa Meal.....	13.00	1.50	33.00	35.00	-----	-----	2689H
Analysis.....	13.12	2.22	28.41	38.74	8.98	8.53	54M
<b>Waller Hatchery and Feed Store,</b> <b>Waller, Texas.</b>							
Waller-Maid Broiler Mash.....	18.00	3.50	6.00	50.00	-----	-----	2225D
Analysis.....	20.76	4.33	5.99	50.81	10.30	7.81	104M
<b>Ward Milk Products Division of Kraft</b> <b>Cheese Company,</b> <b>Chicago, Illinois.</b>							
Collis Process Dried Buttermilk (Feeding).....	30.00	5.00	0.00	38.00	-----	-----	1138C
Analysis <sup>k</sup> .....	31.51	7.00	.23	44.22	8.18	8.86	239H
Analysis <sup>k,b</sup> .....	30.38	6.00	.31	42.35	11.31	9.65	323M

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>838</sup>Kafir meal found, not claimed.<sup>839</sup>Deficient in oyster shell.<sup>840</sup>Alfalfa meal.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Warnken &amp; Sons, A. D.,</b> Poth, Texas.							
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00			2209X
Analysis.....	45.33	7.09	17.50	20.36	4.70	5.02	285H
<b>Warren Cotton Oil &amp; Manufacturing Company,</b> Warren, Arkansas.							
41% Protein Cottonseed Meal.....							
Analysis <sup>a</sup> .....	40.73	5.72	11.16	27.22	8.49	6.68	295T
<b>Warrick &amp; Company, J. E.,</b> Wellington, Texas.							
Wel-Tex Chick Starter.....	17.00	3.50	6.00	54.00			1823M
Analysis <sup>b</sup> .....	17.38	3.65	3.71	58.29	10.63	6.34	493K
Wel-Tex Egg Mash.....	18.00	3.50	7.00	50.00			1823N
Analysis <sup>b</sup> .....	19.57	3.97	4.99	52.69	11.41	7.37	157K
Wel-Tex Growing Mash.....	17.00	3.00	6.00	52.00			1823P
Analysis <sup>b</sup> .....	17.33	3.88	5.80	55.96	10.06	6.97	415K
<b>Watson, R.,</b> Mart, Texas.							
Chowmix All-Mash Laying Ration.....	15.00	3.50	7.00	50.00			2361D
Analysis <sup>c</sup> .....	15.85	4.43	3.21	60.98	11.09	4.44	126W
<b>Weimar Oil Mill, Inc.,</b> Weimar, Texas.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00			215E
Analysis.....	42.60	6.95	8.66	27.84	7.85	6.10	41M
<b>Weinmann Milling Company, J. F.,</b> Little Rock, Arkansas.							
Jewel Brand 16% Protein Dairy Feed.....	16.00	3.00	15.00	40.00			2407O
Analysis <sup>d</sup> .....	16.80	3.17	15.52	41.62	9.86	13.03	44J
<b>Weiser's Hatchery &amp; Feeds,</b> Giddings, Texas.							
Weiser's O. K. Brand All-Mash Chick Starter.....	18.00	3.50	6.00	52.00			99B
Analysis <sup>e</sup> .....	18.97	4.42	4.79	53.05	10.52	8.25	218M
Weiser's Special Laying Mash.....	19.00	3.80	6.00	48.00			99C
Analysis.....	19.93	4.21	5.78	49.82	11.09	9.17	219M
<b>Welch Grain Company,</b> Dalhart, Texas.							
Welch's 18% Protein Laying Mash.....	18.00	3.50	6.30	50.70			690N
Analysis <sup>f</sup> .....	17.63	4.03	5.00	55.21	9.49	8.64	363K
Welch's 18% Protein Laying Mash.....	18.00	3.50	6.50	52.50			690N
Analysis <sup>g</sup> .....	19.00	3.21	4.63	58.40	8.98	5.78	542K
Welch's 18% Protein Growing Mash.....	18.00	3.50	6.00	50.50			690Z
Analysis.....	18.22	3.70	4.99	54.05	10.66	8.38	14K
<b>Wendland Grain Company,</b> Temple, Texas.							
Bellco Special Five Egg Mash.....	20.00	3.80	6.50	44.00			1701F
Analysis <sup>h</sup> .....	18.97	4.05	6.02	52.06	10.68	8.22	33M
Make-Mo Brand Special Mix Dairy Feed.....	18.50	3.20	12.00	49.00			1701O
Analysis <sup>h</sup> .....	18.58	3.80	10.13	46.78	10.25	10.46	41W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>a</sup>Used in manufacture of mixed feed.<sup>b</sup>Fish meal claimed, not found.<sup>c</sup>Deficient in ground limestone.<sup>d</sup>Sold for use in another State. Excess of ground limestone found.<sup>e</sup>Corn gluten feed found, not claimed.<sup>f</sup>Soybean oil meal and rice hulls found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Wendland Grain Company (Cont.), Temple, Texas.</b>							
E-Ko Egg Laying Mash	20.00	3.50	8.00	45.00			1701T
Analysis <sup>847</sup>	21.46	3.91	6.15	52.38	9.61	6.49	452M
Analysis <sup>847</sup>	22.21	4.43	5.87	51.10	9.29	7.10	157W
E-Ko All-Mash Baby Chick Starter	16.00	3.80	5.50	50.00			1701Y
Analysis <sup>848</sup>	18.82	4.08	5.12	55.78	9.40	6.80	450M
E-Ko Growing Mash	15.50	3.80	8.00	52.50			1701A1
Analysis <sup>848</sup>	20.02	4.09	6.84	53.54	9.66	5.85	451M
Analysis	18.27	3.85	6.79	56.97	8.66	5.46	247W
E-Ko 32% Protein Supplement for Pigs and Hogs	32.00	4.00	6.50	31.00			1701B6
Analysis <sup>847</sup>	31.61	6.24	5.32	35.87	7.66	13.30	403H
E-Ko 32% Protein Egg Laying Mash Concentrate	32.00	3.50	6.00	28.00			1701B7
Analysis	33.24	5.59	5.76	29.09	7.70	18.62	47W
<b>West Cotton Oil Mill, West, Texas.</b>							
Cotton Bloom Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			447F
Analysis	42.57	5.71	11.49	27.40	7.33	5.50	48W
Analysis	44.57	6.25	10.17	26.65	6.73	5.63	54W
Cotton Bloom Brand Chick Starter	19.00	4.00	5.50	52.00			447G
Analysis	19.64	4.58	5.15	53.37	9.84	7.42	137W
Cotton Bloom Brand Growing Mash	18.50	4.00	5.50	53.00			447I
Analysis	18.66	4.36	4.27	57.21	8.94	6.56	224W
Cotton Bloom Brand 32% Protein Laying Mash Concentrate	32.00	5.00	7.00	28.50			447K
Analysis <sup>849</sup>	31.50	5.08	6.59	34.03	8.77	14.03	403K
Analysis <sup>849</sup>	28.88	4.24	5.50	41.18	8.77	11.43	194W
Cotton Bloom Brand Laying Mash	19.00	4.00	7.00	48.00			447M
Analysis	20.50	4.00	5.40	50.80	10.53	8.77	41W
Panther Brand Laying Mash	18.00	4.00	6.50	56.00			447N
Analysis	17.74	3.09	4.30	55.85	11.31	7.71	36W
Analysis <sup>850</sup>	18.20	3.93	4.08	56.48	9.85	7.46	135W
Cotton Bloom Brand 44% Protein Supplement for Hogs	44.00	6.50	10.00	16.50			447O
Analysis	43.98	6.10	9.88	21.46	7.20	11.38	402K
Analysis	41.94	5.97	12.65	19.98	8.11	11.35	95W
Analysis	41.51	6.51	11.21	21.45	6.79	12.53	138W
Analysis <sup>851</sup>	44.25	7.07	7.11	23.01	7.41	11.15	175W
<b>West Flour Mill, West, Texas.</b>							
Economy Brand Laying Mash	18.00	3.50	6.50	47.50			935B
Analysis	16.62	3.32	2.98	59.42	11.07	6.59	96W
Analysis	18.54	3.72	4.20	56.45	9.21	7.88	140W
Analysis	19.00	3.23	4.66	56.31	10.26	6.54	193W
Economy Brand Dairy Feed	21.00	3.40	10.00	43.00			935F
Analysis <sup>852</sup>	21.08	4.03	9.23	48.25	10.63	6.78	116W
<b>Wes-Tex Grain &amp; Milling Co., Inc., Plainview, Texas.</b>							
32% Protein Egg Mash Supplement	32.00	4.50	6.00	31.50			242S1
Analysis <sup>853</sup>	29.52	5.90	5.10	34.69	8.89	15.90	207K
Wes-Tex 31% Protein Supplement for Pigs and Hogs	31.00	4.00	10.50	32.00			2425K
Analysis <sup>854</sup>	28.98	7.09	12.36	32.59	7.89	11.09	324K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>847</sup>Deficient in oyster shell.<sup>848</sup>Soybean oil meal found, not claimed.<sup>849</sup>Deficient in oyster shell. Excess of salt found.<sup>850</sup>Deficient in oyster shell.<sup>851</sup>Cottonseed meal claimed, not found. Soybean oil meal found, not claimed.<sup>852</sup>Peanut meal found, not claimed.<sup>853</sup>Fish meal claimed, not found.<sup>854</sup>Rice bran found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Wes-Tex Grain &amp; Milling Co., Inc. (Cont.),</b> <b>Plainview, Texas.</b>							
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	2425M
Analysis <sup>a885</sup> .....	14.28	1.08	21.96	28.66	10.33	23.69	110J
Excellent Brand Dairy Cow Feed.....	15.00	3.00	9.00	54.00	.....	.....	2425S
Analysis.....	16.59	3.25	7.09	55.39	11.40	6.28	108K
New Deal Brand All-Purpose Mash.....	19.00	3.50	5.50	49.00	.....	.....	2425A4
Analysis.....	19.96	3.60	4.53	53.04	10.40	8.47	53K
New Deal Brand Special Mixed Feed.....	12.00	1.60	15.50	49.00	.....	.....	2425A8
Analysis.....	12.11	3.27	11.37	53.46	11.26	8.53	322J
Wes-Tex Best Brand All-Purpose 18% Protein Egg Mash.....	18.00	3.50	8.00	46.00	.....	.....	2425D2
Analysis <sup>850</sup> .....	18.15	3.43	4.88	57.20	9.83	6.51	480K
Wes-Tex Best Brand Chick Starter.....	18.00	4.00	6.50	50.00	.....	.....	2425E9
Analysis.....	16.80	5.77	7.01	52.11	9.22	9.09	441K
Wes-Tex Best Brand Growing Mash.....	18.00	3.50	6.50	51.00	.....	.....	2425F1
Analysis.....	17.50	3.18	4.26	58.79	9.79	6.48	534K
<b>West Texas Cottonoil Co.,</b> <b>Abilene, Texas.</b>							
Paymaster Brand 43% Protein Cottonseed Cake.....	43.00	5.00	12.00	25.00	.....	.....	1417B
Analysis.....	44.94	5.76	10.63	25.63	7.58	5.46	162S
Paymaster Brand 43% Protein Cottonseed Meal.....	43.00	5.00	12.00	25.00	.....	.....	1417D
Analysis.....	42.63	5.76	11.78	25.87	7.97	5.99	11S
Analysis.....	44.72	6.81	10.35	26.95	5.89	5.28	62S
Analysis <sup>c</sup> .....	42.48	6.56	11.54	25.47	8.65	5.30	72S
Analysis.....	45.64	5.85	10.55	26.44	5.79	5.73	85S
Analysis.....	43.73	5.73	11.23	26.79	7.14	5.38	120S
Analysis.....	43.29	5.99	11.48	27.03	7.12	5.09	125S
Analysis.....	43.52	5.42	10.88	27.92	6.69	5.57	141S
Analysis.....	44.22	5.64	10.46	27.07	6.93	5.68	156S
Analysis.....	42.64	6.05	10.68	27.62	7.75	5.26	158S
Analysis.....	44.19	5.83	10.07	27.35	7.12	5.44	192S
Analysis <sup>c</sup> .....	41.33	5.54	12.33	29.49	5.81	5.50	235S
Analysis.....	42.53	5.99	12.14	26.33	7.36	5.65	8T
Analysis <sup>e857</sup> .....	39.75	6.59	13.85	26.35	8.14	5.32	33T
Analysis.....	46.55	5.62	9.75	26.60	6.85	4.63	118T
Analysis.....	43.67	6.12	10.97	25.63	7.82	5.79	66W
Paymaster Brand Aco Mixed Feed.....	11.80	1.70	38.00	36.00	.....	.....	1417E
Analysis.....	12.25	1.74	35.15	38.14	9.46	3.26	128S
Paymaster Brand 43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	.....	.....	1417H
Analysis.....	42.55	7.26	16.72	20.48	8.47	4.52	124S
Analysis.....	41.36	7.02	17.98	21.07	7.32	5.25	119T
Paymaster Brand 43% Protein Cottonseed Pellets.....	43.00	5.00	12.00	25.00	.....	.....	1417K
Analysis <sup>858</sup> .....	43.08	6.27	11.77	26.15	7.13	5.60	49S
Analysis <sup>c</sup> .....	40.91	6.27	11.40	27.67	8.49	5.26	234S
Paymaster Brand 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....	1417P
Analysis <sup>857</sup> .....	40.76	5.00	13.01	29.16	6.75	5.32	306S
Analysis.....	42.11	5.39	10.27	31.01	5.63	5.59	414S
Analysis <sup>857</sup> .....	40.51	5.38	13.61	27.49	7.63	5.38	235T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>885</sup>Cottonseed meal, milo head stems, screenings, clay, and sand present.  
Reconditioned and sold at a reduced price.<sup>850</sup>Deficient in ground limestone.<sup>857</sup>Excess of cottonseed hulls found.<sup>858</sup>Off quality.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>West Texas Cottonoil Co. (Cont.), Abilene, Texas.</b>							
Paymaster Brand 41% Protein Cottonseed Pellets.....	41.00	5.00	12.00	25.00	.....	.....	1417Q
Analysis <sup>857</sup> .....	38.89	5.40	14.01	29.12	7.66	4.92	366S
Paymaster Brand 41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....	1417S
Analysis.....	44.79	6.18	5.95	28.09	9.09	5.90	314S
<b>West Texas Cottonoil Co., Ballinger, Texas.</b>							
Paymaster Brand 43% Protein Cottonseed Pellets.....	43.00	5.00	12.00	25.00	.....	.....	327B
Analysis <sup>a</sup> .....	42.01	5.36	11.58	28.05	7.96	5.04	161S
Analysis <sup>c</sup> .....	41.77	5.08	12.62	28.49	7.00	5.04	165S
Analysis <sup>859</sup> .....	41.08	5.65	13.24	27.51	7.50	5.01	166S
Analysis <sup>e</sup> .....	40.72	5.74	11.95	27.26	8.90	5.43	177S
Analysis.....	44.13	5.43	11.25	26.51	7.54	5.14	197S
Analysis <sup>859</sup> .....	41.48	5.31	13.13	27.06	7.84	5.18	201S
Analysis <sup>g</sup> .....	42.10	5.66	11.61	28.48	7.04	5.11	239S
Analysis.....	42.94	5.85	11.70	27.31	6.80	5.40	241S
Paymaster Brand 43% Protein Cottonseed Meal.....	43.00	5.00	12.00	25.00	.....	.....	327F
Analysis.....	42.62	5.83	10.09	29.36	6.86	5.24	50S
Analysis <sup>c</sup> .....	42.30	5.93	11.27	29.07	6.15	5.28	105S
Analysis.....	43.19	5.83	11.70	28.14	6.06	5.08	163S
Analysis <sup>859</sup> .....	41.97	5.86	13.37	27.84	6.02	4.94	164S
Analysis <sup>859</sup> .....	42.26	5.77	13.10	27.12	6.45	5.30	170S
Analysis <sup>g</sup> .....	42.32	5.77	12.15	27.18	7.25	5.33	198S
Analysis <sup>h</sup> .....	41.88	6.01	12.47	26.82	7.42	5.40	238S
Paymaster Brand 43% Protein Cottonseed Cake.....	43.00	5.00	12.00	25.00	.....	.....	327G
Analysis <sup>c</sup> .....	42.47	4.94	12.32	26.44	8.41	5.42	240S
Paymaster Brand 41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00	.....	.....	327H
Analysis <sup>859</sup> .....	39.50	4.64	15.53	28.38	7.01	4.94	298S
Paymaster Brand 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....	327I
Analysis <sup>c</sup> .....	39.59	6.28	12.24	27.72	7.87	6.30	300S
Paymaster Brand 41% Protein Cottonseed Pellets.....	41.00	5.00	12.00	25.00	.....	.....	327J
Analysis <sup>860</sup> .....	41.35	5.58	11.80	28.20	7.75	5.32	299S
Paymaster Brand 41% Protein Soybean Oil Pellets.....	41.00	4.50	7.00	29.00	.....	.....	327R
Analysis.....	40.97	5.28	5.07	29.87	13.16	5.65	367S
Analysis.....	42.98	5.73	5.50	29.01	10.63	6.15	463S
Analysis.....	44.34	5.64	5.60	30.21	8.23	5.98	515S
<b>West Texas Cottonoil Co., Brownfield, Texas.</b>							
Paymaster Brand 43% Protein Cottonseed Meal.....	43.00	5.00	12.00	25.00	.....	.....	505A
Analysis <sup>c</sup> .....	41.71	4.15	11.91	31.50	4.97	5.76	97K
Analysis <sup>e</sup> .....	40.26	4.21	12.74	31.50	5.81	5.48	193K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>859</sup>Excess of cottonseed hulls found.<sup>860</sup>Soybean oil meal present.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>West Texas Cottonoil Co., Littlefield, Texas.</b>							
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	5.00	12.00	25.00	-----	-----	1643B
Analysis	42.88	5.41	9.93	29.73	6.02	6.03	147K
Paymaster Brand Littlefield Mixed							
Feed	11.80	1.70	38.00	36.00	-----	-----	1643F
Analysis <sup>ab</sup>	11.40	2.75	30.43	45.55	5.98	3.89	525K
Analysis <sup>ke</sup>	12.80	3.71	29.14	43.22	7.20	3.93	288T
Paymaster Brand 41% Protein							
Cottonseed Cubes	41.00	5.00	12.00	25.00	-----	-----	1643H
Analysis <sup>a</sup>	41.00	7.22	11.12	28.13	6.60	5.93	319K
Paymaster Brand 41% Protein							
Cottonseed Meal	41.00	5.00	12.00	25.00	-----	-----	1643I
Analysis <sup>c</sup>	40.43	6.95	11.32	29.19	6.16	5.95	383K
<b>West Texas Cottonoil Co., Munday, Texas.</b>							
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	5.00	12.00	25.00	-----	-----	151A
Analysis <sup>c</sup>	42.31	8.05	10.77	26.96	6.02	5.89	133S
Analysis	42.73	8.05	10.56	26.61	5.48	6.57	134S
Analysis <sup>e</sup>	40.84	8.12	11.53	28.14	5.99	5.38	189S
Paymaster Brand 43% Protein							
Cottonseed Cake	43.00	5.00	12.00	25.00	-----	-----	151B
Analysis	44.27	5.60	11.22	25.59	7.55	5.77	132S
Analysis	44.03	5.76	10.96	26.78	6.69	5.78	243S
<b>West Texas Cottonoil Co., Plainview, Texas.</b>							
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	5.00	12.00	25.00	-----	-----	1148A
Analysis <sup>bc</sup>	41.64	7.30	9.29	28.66	6.69	6.42	148K
Analysis <sup>c</sup>	41.99	6.93	8.32	29.45	6.89	6.42	206K
Analysis	42.91	8.16	7.73	27.86	6.77	6.57	376K
Analysis <sup>c</sup>	41.76	6.83	9.45	29.27	6.45	6.24	584K
Paymaster Brand 43% Protein							
Cottonseed Cake	43.00	5.00	12.00	25.00	-----	-----	1148B
Analysis <sup>d</sup>	44.18	6.36	9.66	26.89	7.79	5.12	313K
Paymaster Brand 43% Protein							
Cottonseed Cubes	43.00	5.00	12.00	25.00	-----	-----	1148K
Analysis <sup>e</sup>	40.99	7.39	8.72	27.83	9.09	5.98	236K
Paymaster Brand 41% Protein							
Soybean Oil Meal	41.00	4.50	7.00	29.00	-----	-----	1148S
Analysis	44.03	6.19	5.43	28.81	9.18	6.36	474K
<b>West Texas Cottonoil Co., San Angelo, Texas.</b>							
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	5.00	12.00	25.00	-----	-----	843F
Analysis	47.48	6.23	9.15	26.77	4.91	5.46	56S
Analysis <sup>c</sup>	42.41	5.40	12.92	27.90	6.10	5.27	104S
Analysis <sup>bc</sup>	41.20	6.06	12.91	28.68	6.07	5.08	112S
Paymaster Brand 43% Protein							
Cottonseed Cake	43.00	5.00	12.00	25.00	-----	-----	843G
Analysis <sup>d</sup>	43.04	5.13	11.72	27.94	6.82	5.35	103S
Paymaster Brand 43% Protein							
Cottonseed Pellets	43.00	5.00	12.00	25.00	-----	-----	843N
Analysis <sup>bc</sup>	41.92	5.95	11.95	28.39	6.69	5.10	113S
Analysis <sup>c</sup>	41.97	5.68	12.35	27.38	7.58	5.04	160S
Soybean Oil Meal and Cottonseed Meal	43.00	5.00	9.50	25.00	-----	-----	843B3
Analysis <sup>da</sup>	44.18	6.30	7.37	27.13	8.53	6.49	236S
Analysis	42.81	6.52	7.75	26.56	9.85	6.51	251S
Analysis <sup>ao</sup>	42.13	6.83	8.16	26.68	9.92	6.28	255S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>West Texas Cottonoil Co. (Cont.), San Angelo, Texas.</b>							
Soybean Oil Meal and Cottonseed Meal—Pelleted.....	43.00	5.00	9.50	25.00	.....	.....	843B4
Analysis <sup>a</sup> .....	43.13	6.47	7.09	26.13	10.89	6.29	250S
Analysis <sup>a</sup> .....	43.16	6.45	7.61	27.48	9.52	5.78	254S
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....	843B5
Analysis.....	43.95	5.60	5.41	28.09	11.15	5.80	409S
Analysis.....	43.05	5.60	5.28	28.39	11.10	6.58	461S
Analysis.....	43.92	5.98	5.75	30.08	8.17	6.10	514S
<b>West Texas Cottonoil Co., Seymour, Texas.</b>							
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	.....	.....	581F
Analysis.....	44.59	7.24	8.50	26.66	5.91	7.10	311K
Analysis <sup>c</sup> .....	39.81	9.09	11.26	28.24	5.64	5.96	269S
Analysis <sup>c</sup> .....	41.40	8.08	10.93	27.72	6.07	5.80	270S
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....	581O
Analysis.....	42.50	4.75	4.89	26.44	15.72	5.70	383S
Analysis.....	43.49	6.84	5.26	28.38	10.15	5.88	183T
<b>West Texas Cottonoil Co., Shamrock, Texas.</b>							
Paymaster Brand 28% Protein Ground Whole-Pressed Cottonseed.....	28.00	5.00	23.00	29.00	.....	.....	1758K
Analysis <sup>c</sup> .....	26.34	5.85	20.05	34.57	8.42	4.77	134K
Paymaster Brand 41% Protein Soybean Oil Cake.....	41.00	4.50	7.00	29.00	.....	.....	1758T
Analysis.....	42.75	5.57	6.07	30.76	7.78	7.07	496K
Paymaster Brand 41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	29.00	.....	.....	1758U
Analysis.....	46.11	5.52	5.04	28.29	9.01	6.03	458K
<b>West Texas Cottonoil Co., Slaton, Texas.</b>							
Paymaster Brand 43% Protein Cottonseed Cake.....	43.00	5.00	12.00	25.00	.....	.....	1118A
Analysis.....	42.68	5.72	10.40	28.65	6.12	6.43	231K
Analysis <sup>c</sup> .....	41.71	5.70	10.30	29.74	6.77	5.78	289K
Paymaster Brand 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	.....	.....	1118M
Analysis <sup>c</sup> .....	40.10	5.11	11.33	31.11	6.54	5.81	473K
Paymaster Brand 41% Protein Cottonseed Pellets.....	41.00	5.00	12.00	25.00	.....	.....	1118N
Analysis.....	41.39	5.85	11.96	28.43	6.14	6.23	514K
<b>West Texas Feed and Seed Company, Lubbock, Texas.</b>							
Milo Meal.....	10.00	2.50	3.00	70.00	.....	.....	2141F
Analysis.....	10.63	2.88	2.43	72.86	9.49	1.71	583K
Big Chief 25% Protein Supplement for Pigs-N-Hogs.....	25.00	4.00	8.00	38.00	.....	.....	2141S
Analysis <sup>b,c</sup> .....	25.71	4.56	7.78	43.56	9.00	9.39	434K
Big Chief Brand 18% Protein Egg Mash.....	18.00	3.50	7.50	51.00	.....	.....	2141U
Analysis <sup>801</sup> .....	17.77	3.01	3.24	62.04	9.08	4.86	508K
<b>West Texas Rendering Plant, Wichita Falls, Texas.</b>							
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	2179A
Analysis.....	51.35	9.64	1.88	2.44	5.97	28.72	11T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>861</sup>Deficient in salt.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Western Condensing Company, San Francisco, California, and Branches.</b>							
Peebles Dried Whey.....	12.00	0.50	0.10	65.00	-----	-----	258A
Analysis.....	13.00	.72	.16	68.79	7.67	9.66	347T
Analysis.....	12.35	.70	.13	67.22	9.02	10.58	5W
<b>Whaley Mill &amp; Elevator Company, Gainesville, Texas.</b>							
Wheat Bran and Screenings.....	14.50	3.00	10.00	53.00	-----	-----	15B
Analysis.....	16.95	3.72	9.99	51.62	11.73	5.99	157J
Analysis.....	17.15	4.18	9.37	53.17	10.40	5.73	44T
Wheat Gray Shorts and Screenings.....	16.50	4.00	6.00	55.00	-----	-----	15I
Analysis.....	18.32	4.82	6.14	53.92	12.35	4.45	22J
Analysis.....	18.26	4.54	5.80	54.21	12.98	4.21	137S
Analysis <sup>862</sup> .....	18.10	4.42	7.93	51.87	11.30	6.38	57T
Analysis <sup>863</sup> .....	17.69	4.17	6.31	55.55	11.96	4.32	132T
Whaley's Egg Mash.....	19.00	3.50	7.50	46.00	-----	-----	15R
Analysis <sup>864</sup> .....	16.70	3.52	5.79	57.39	10.03	6.57	240T
Whaley's 16% Protein Dairy Feed.....	16.00	3.00	15.00	49.50	-----	-----	15A5
Analysis <sup>a</sup> .....	20.75	3.45	14.32	44.10	11.14	6.24	273T
Analysis.....	18.14	4.22	22.62	37.33	8.86	8.83	S
<b>White Grain Company, Lamesa, Texas.</b>							
White's 18% Protein Dairy Feed.....	18.00	3.00	12.00	48.00	-----	-----	1934U
Analysis.....	19.07	3.45	8.97	50.76	11.07	6.68	186K
<b>Whyte Feed Mills, Pine Bluff, Arkansas.</b>							
Horseshoe Complete Starting Ration.....	18.00	4.00	7.00	51.00	-----	-----	1096C
Analysis <sup>865</sup> .....	17.57	3.16	4.83	59.51	9.56	5.37	484J
Horseshoe Dairy Feed.....	19.40	3.00	8.30	49.00	-----	-----	1096D
Analysis <sup>866</sup> .....	24.25	5.68	7.62	48.23	8.98	5.24	272J
Analysis <sup>866</sup> .....	24.15	5.26	7.53	47.42	10.66	4.98	328J
Analysis <sup>867</sup> .....	19.90	3.66	10.65	51.80	9.92	4.07	426J
Horseshoe Dry and Freshening Feed.....	14.00	2.70	12.00	50.00	-----	-----	1096G
Analysis <sup>868</sup> .....	17.54	4.19	12.77	49.36	11.03	5.11	273J
Horseshoe 40% Protein Supplement for Hogs.....	40.00	8.00	6.00	24.00	-----	-----	1096K
Analysis.....	33.28	7.24	8.10	25.02	8.24	18.12	329J
Horseshoe Growing Ration.....	17.00	4.00	6.00	53.00	-----	-----	1096Q
Analysis <sup>869</sup> .....	18.27	4.25	4.09	56.00	10.25	7.14	452J
Red Horseshoe Dairy Feed.....	24.00	4.00	12.00	42.00	-----	-----	1096R
Analysis.....	23.97	3.04	16.41	39.13	10.48	6.97	296J
Analysis <sup>870</sup> .....	24.49	5.57	11.14	41.47	11.18	6.15	355J
Analysis.....	23.56	3.17	14.75	41.31	10.63	6.58	391J
Red Horseshoe Calf Meal.....	21.00	4.00	6.00	50.00	-----	-----	1096A3
Analysis <sup>871</sup> .....	24.24	4.67	8.26	47.75	8.91	6.17	287J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>862</sup>Wheat mixed feed and screenings.<sup>863</sup>Wheat brown shorts and screenings.<sup>864</sup>Deficient in oyster shell.<sup>865</sup>Peanut meal found, not claimed.<sup>866</sup>Rice bran found, not claimed.<sup>867</sup>Alfalfa meal claimed, not found. Peanut hulls found, not claimed.<sup>868</sup>Rice bran found, not claimed.<sup>869</sup>Alfalfa meal claimed, not found.<sup>870</sup>Soybean oil meal and rice bran found, not claimed.<sup>871</sup>Rolled whole oats, cottonseed meal, and rice bran found, not claimed.



Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Wylie Feed Mills (Continued), Pine Bluff, Arkansas.</b>							
Horseshoe 18% Protein Dairy Feed.....	18.00	3.50	12.00	46.00	-----	-----	1096A9
Analysis <sup>872</sup> .....	20.40	3.93	15.68	44.72	9.37	5.90	406J
Muleshoe Sweet Mixed Feed.....	11.30	2.00	14.20	51.00	-----	-----	1096B7
Analysis <sup>1he873</sup> .....	14.02	2.88	10.33	56.36	10.38	6.03	93J
Muleshoe Sweet Mixed Feed.....	11.00	2.00	14.00	50.00	-----	-----	1096B7
Analysis <sup>1b874</sup> .....	12.09	3.38	10.94	56.89	11.78	4.92	169J
Special Horseshoe Egg Mash.....	18.00	3.50	8.00	43.00	-----	-----	1096C3
Analysis <sup>875</sup> .....	19.00	9.18	11.11	37.33	9.61	13.77	114J
Analysis.....	16.51	6.18	11.48	43.78	9.06	12.99	274J
Analysis <sup>a878</sup> .....	18.57	3.10	12.26	44.61	9.15	12.31	310J
<b>Wichita Feed Store, Wichita Falls, Texas.</b>							
Wichita's Best Brand All-Mash Chick Starter.....	14.00	3.50	6.50	53.00	-----	-----	707F
Analysis.....	14.60	3.65	6.19	57.99	10.22	7.35	306T
Wichita's Special Brand 24% Protein Cow Feed.....	24.00	3.60	15.00	41.00	-----	-----	707M
Analysis.....	23.37	4.55	12.65	41.05	10.97	7.41	40T
Analysis <sup>877</sup> .....	22.79	4.58	12.44	43.38	10.10	6.71	93T
Analysis <sup>878</sup> .....	21.65	3.71	15.22	41.00	9.59	8.83	188T
Analysis <sup>879</sup> .....	22.13	4.14	10.86	42.90	9.76	10.21	353T
Ikes 19% Protein Cow Feed.....	19.00	3.00	27.00	36.00	-----	-----	707O
Analysis <sup>k880</sup> .....	18.29	3.41	24.11	34.88	8.35	10.96	310T
Wichita's Best Brand Egg Mash.....	18.00	3.50	8.00	45.00	-----	-----	707P
Analysis.....	17.80	4.92	7.45	52.57	10.51	6.65	114T
<b>Wichita Flour Mills Company, The, Wichita, Kansas.</b>							
Wheat Gray Shorts and Screenings.....	15.00	3.50	6.00	55.00	-----	-----	197F
Analysis <sup>k8</sup> .....	19.00	4.11	5.26	55.65	11.82	4.16	358K
<b>Williamson Feed &amp; Hatchery, Graham, Texas.</b>							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	-----	-----	890C
Analysis <sup>a881</sup> .....	6.60	2.49	12.42	61.93	9.00	7.56	196T
Our Special Dairy Feed.....	19.40	3.60	12.50	44.50	-----	-----	890H
Analysis.....	20.94	4.94	11.77	47.47	8.19	6.69	123T
Our Special Egg Mash.....	18.00	3.60	6.50	47.50	-----	-----	890I
Analysis <sup>882</sup> .....	19.27	4.50	6.28	50.67	11.15	8.13	86T
<b>Wilson &amp; Company, Inc., Oklahoma City, Oklahoma.</b>							
Red "W" Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	-----	-----	2399B
Analysis <sup>a883</sup> .....	49.47	9.88	1.72	1.22	7.03	30.68	475K
<b>Wilson Grain &amp; Elevator Company, Coleman, Texas.</b>							
Wilco Egg Mash.....	18.00	3.50	8.00	48.00	-----	-----	1033J
Analysis.....	20.50	4.14	6.66	50.20	9.89	8.61	4S

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>872</sup>Deficient in oyster shell.<sup>873</sup>Corn meal claimed, not found. Cracked corn found, not claimed. Deficient in molasses and cottonseed meal. Texas tags removed and destroyed. The feed was given away.<sup>874</sup>Deficient in oyster shell and salt.<sup>875</sup>Linseed meal and rice hulls found, not claimed. Deficient in oyster shell.<sup>876</sup>Rice hulls found, not claimed.<sup>877</sup>Milo chop found, not claimed.<sup>878</sup>Milo meal, corn meal, and rice hulls found, not claimed.<sup>879</sup>Calcium carbonate found, not claimed.<sup>880</sup>Soybean oil meal found, not claimed.<sup>881</sup>Excess corn cob and husk present.<sup>882</sup>Fish meal claimed, not found.<sup>883</sup>Dried blood present. Used in mixed feed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Wingo Oil Mill, Wills Point, Texas.</b>							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00	-----	-----	1620A
Analysis <sup>a</sup>	41.76	7.72	12.42	27.13	5.50	5.47	165J
Analysis	44.35	7.20	9.62	27.93	5.21	5.69	268J
Analysis	43.68	5.92	11.74	27.69	5.12	5.85	316J
43% Protein Cottonseed Cubes	43.00	5.20	12.00	25.00	-----	-----	1620C
Analysis <sup>b84</sup>	41.68	5.46	14.01	29.05	4.25	5.55	218J
<b>Wingo &amp; Son, C. E., Sulphur Springs, Texas.</b>							
Hopco Laying Mash	18.00	3.50	8.00	47.00	-----	-----	1130F
Analysis	20.40	4.38	6.30	48.81	11.16	8.95	229J
Milo Head Chop	8.50	2.50	8.00	65.00	-----	-----	1130I
Analysis	9.60	2.28	6.86	67.47	10.68	3.11	168J
<b>Winters Hatchery &amp; Produce Company, Winters, Texas.</b>							
Kirkham's Chick Mash	18.00	4.00	7.00	53.00	-----	-----	2507B
Analysis	18.10	5.62	6.46	54.22	8.79	6.81	313S
Kirkham's Egg Mash	18.00	3.70	7.00	54.00	-----	-----	2507C
Analysis	19.60	4.50	5.12	54.84	9.85	6.09	60S
<b>Witt Milling Company, Plainview, Texas.</b>							
Kafir Chop	10.00	2.50	3.00	70.00	-----	-----	2577C
Analysis	10.22	1.47	1.86	67.97	16.00	2.48	227J
<b>Woco Feed Mill, Mineola, Texas.</b>							
Woco 7 Laying Mash	18.00	3.50	7.50	51.00	-----	-----	313D
Analysis	18.38	4.02	8.14	50.15	10.30	9.01	319J
Woco Special Hereford Feed	13.00	3.00	9.00	59.00	-----	-----	313E
Analysis	15.57	3.72	7.88	58.54	10.92	3.37	167J
Woco Dairy Feed	18.00	3.40	13.50	43.00	-----	-----	313F
Analysis	19.51	3.62	10.60	47.31	10.34	8.62	166J
Woco Growing Mash	17.00	3.60	5.50	52.00	-----	-----	313J
Analysis <sup>b85</sup>	18.85	4.51	4.90	53.34	10.54	7.86	382J
Woco Chick Starter	18.00	3.70	6.50	53.00	-----	-----	313L
Analysis <sup>b85</sup>	19.75	4.48	6.32	52.69	9.92	6.84	383J
Woco Big 5 Egg-Maker	19.50	3.60	6.00	48.00	-----	-----	313U
Analysis	22.13	4.09	5.48	48.83	11.71	7.76	108J
Woco Jersey Brand 24% Protein Dairy Feed	24.00	4.00	10.50	41.50	-----	-----	313X
Analysis	27.26	4.83	8.66	43.63	9.40	6.22	57J
<b>Wolf Feed and Coal, Frank, Wichita Falls, Texas.</b>							
Wolf's 20% Protein Cow Feed	20.00	3.60	12.00	49.40	-----	-----	1533H
Analysis <sup>b86</sup>	19.21	3.42	7.85	52.88	9.36	7.28	184T
<b>Wolf Milling Company, The, Ellinwood, Kansas.</b>							
Wheat Bran and Screenings	14.50	3.50	10.00	50.00	-----	-----	862C
Analysis <sup>a</sup>	17.57	4.44	9.96	52.00	9.11	6.92	469K
<b>Wood County Cotton Oil Company, Mineola, Texas.</b>							
41% Protein Soybean Oil Meal	41.00	5.00	6.00	28.00	-----	-----	1751B
Analysis	41.65	7.22	5.74	29.61	9.11	6.67	270J
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	-----	-----	1751E
Analysis <sup>a</sup>	41.32	6.66	10.24	26.76	9.23	5.79	109J
Analysis <sup>a</sup>	42.49	7.28	8.22	26.93	8.81	6.27	225J

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>b84</sup>Used by manufacturers in feeding own stock.<sup>b85</sup>Cottonseed meal claimed, not found.<sup>b86</sup>Soybean oil meal and linseed meal found, not claimed.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Wood Feed Mill, Madisonville, Texas.</b>							
Our-Own Brand Laying Mash	18.90	3.50	7.30	45.20			1045C
Analysis	20.63	5.31	5.70	46.77	10.28	11.31	105M
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1045D
Analysis	7.45	3.25	12.19	65.59	9.68	1.84	410M
Our-Own Brand Hog Ration	15.00	3.00	6.00	55.00			1045F
Analysis <sup>a</sup>	16.32	4.53	3.54	58.39	10.44	6.78	107M
Our-Own Brand Hog Ration	14.00	3.00	4.00	61.00			1045F
Analysis	15.75	4.74	2.79	57.92	10.12	8.68	498M
<b>Woodruff's Hatchery &amp; Feed Store, San Angelo, Texas.</b>							
Woodruff's Best Cow Feed	20.00	3.40	18.00	41.00			1486D
Analysis	21.10	3.75	17.72	41.80	8.74	6.89	57S
Lay-Gold Brand Laying Mash	19.00	3.50	5.00	47.50			1486G
Analysis	19.42	3.30	5.20	53.23	10.17	8.68	253S
<b>Woods Feed Store, Midland, Texas.</b>							
Best-Yet Brand Laying Mash	18.00	3.50	6.00	52.00			2487K
Analysis <sup>887e</sup>	19.17	4.08	5.04	55.05	10.06	6.60	27S
Best-Yet Brand Laying Mash	18.00	3.50	5.80	53.00			2487K
Analysis <sup>888</sup>	16.73	3.88	3.64	59.96	10.00	5.79	499S
Woods Chick Starter	18.00	3.50	6.00	54.50			2487O
Analysis	19.80	3.91	3.76	57.42	10.26	4.85	279S
Analysis	17.88	4.14	4.87	58.00	10.52	4.59	443S
<b>Woodward Feed Store, Lexington, Texas.</b>							
Woodward's Best Laying Mash	18.00	3.50	6.60	50.50			1790A
Analysis	16.82	3.26	4.23	58.19	10.44	7.06	198W
<b>Wunderlich, F. H., Houston, Texas.</b>							
Best Brand 6 Cow Feed	20.00	4.50	16.00	41.00			831A
Analysis <sup>889</sup>	19.40	4.59	13.93	39.51	10.61	11.96	256M
Best Brand 6 Chicken Feed	10.50	3.00	3.20	69.00			831B
Analysis <sup>890</sup>	11.14	2.67	2.11	68.52	12.46	3.10	257M
<b>Yates Hatchery &amp; Feed Store, Morton, Texas.</b>							
Big-"Y"-Growing Mash	19.00	3.50	6.50	49.50			959W
Analysis <sup>a891</sup>	16.79	3.99	6.85	56.31	8.44	7.62	388K
<b>Yoakum Gin &amp; Feed Company, Yoakum, Texas.</b>							
Yoakumix Lay Mash	20.00	3.80	6.50	46.30			1365E
Analysis	21.51	4.64	5.44	48.04	10.97	9.40	128H
Economy Brand Laying Mash	20.00	3.50	7.00	50.00			1365F
Analysis	18.65	3.80	4.92	54.20	12.28	6.15	129H
Analysis	19.48	3.96	4.14	54.09	11.51	6.82	196H
Yoakumix Grow Mash	16.00	3.50	6.00	51.00			1365J
Analysis	18.09	3.87	5.24	56.16	9.44	7.20	484H

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>887</sup>Excess of ground limestone and salt.<sup>889</sup>Ground limestone found, not claimed.<sup>890</sup>Sunflower seed claimed, not found. Deficient in barley. Calcium carbonate found, not claimed.<sup>891</sup>Deficient in meat and bone scraps.<sup>888</sup>Deficient in ground limestone.

Table 16. Guaranteed Composition and Analyses of Feeds, September 1, 1942, to August 31, 1943—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
<b>Yorktown Cotton Oil &amp; Manufacturing Company, Yorktown, Texas.</b>							
43% Protein Cottonseed Meal .....	43.00	6.00	12.00	23.00			363E
Analysis <sup>a</sup> .....	42.08	6.42	10.32	26.90	8.72	5.56	4A
Analysis .....	43.78	6.38	10.01	26.54	7.90	5.39	17W
43% Protein Pea-Size Cottonseed Cake .....	43.00	6.00	12.00	23.00			363I
Analysis .....	43.73	6.21	9.90	27.29	7.36	5.51	18W
45% Protein Peanut Meal .....	45.00	6.00	10.00	23.00			363N
Analysis .....	46.31	7.65	14.55	18.91	8.29	4.29	197H
Analysis .....	46.34	7.42	13.46	20.50	7.38	4.90	210H
Analysis <sup>b92</sup> .....	43.63	7.43	18.29	19.43	6.51	4.71	272H
Analysis <sup>c92</sup> .....	44.11	7.54	16.61	20.36	7.21	4.17	368S
<b>Youngblood &amp; Sons, J. H., Waco, Texas.</b>							
Youngblood's Ideal Brand Broiler Mash .....	18.00	3.50	5.50	51.00			1892F
Analysis .....	19.41	3.76	5.94	53.45	10.15	7.29	78W
Analysis .....	17.15	3.38	3.70	60.83	8.50	6.44	203W
<b>Yukon Mill &amp; Grain Company, Yukon, Oklahoma.</b>							
Wheat Gray Shorts .....	16.50	3.50	6.00	55.00			1026C
Analysis <sup>b93</sup> .....	16.27	3.54	6.37	57.97	11.63	4.22	158J
Analysis .....	17.12	4.40	6.02	56.81	10.83	4.82	505J
Analysis .....	16.37	3.57	5.93	59.30	10.83	4.00	173K
Analysis .....	16.16	3.82	5.66	60.23	10.38	3.75	109T
Yukon's Best Baby Chick Starter .....	17.00	4.00	5.00	51.00			1026D
Analysis .....	18.81	4.45	4.63	54.96	8.74	8.41	340K
Yukon's Best Dairy Feed .....	20.00	4.00	10.00	48.00			1026E
Analysis <sup>k</sup> .....	19.27	4.59	8.32	52.02	8.75	7.05	422K
Wheat Bran and Screenings .....	14.50	3.50	10.00	50.00			1026F
Analysis .....	17.01	4.05	8.27	55.44	9.48	5.75	250K
Wheat Mixed Feed and Screenings .....	16.00	3.50	8.50	52.00			1026G
Analysis .....	16.12	4.34	8.11	55.37	10.63	5.43	499K
Hominy Feed .....	10.00	6.00	7.00	60.00			1026H
Analysis .....	11.70	9.88	8.77	56.15	9.53	3.97	517J
Analysis .....	11.69	8.13	5.07	61.62	10.93	2.56	168K
Yukon's Best Laying Mash .....	19.50	4.00	8.00	45.50			1026M
Analysis .....	17.50	4.57	6.56	54.80	9.67	6.90	177T

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

<sup>b92</sup>Excess of peanut hulls present.<sup>b93</sup>Wheat brown shotrs.